

Q3 2022

# Product comparison tables

Network video, audio, access control and intercoms



# CONTENTS

---

## TECHNOLOGY

Solutions by technology 4

## CAMERAS

Axis fixed box cameras 5

Axis fixed bullet cameras 8

Axis modular cameras 10

Axis fixed dome cameras 14

Axis pan/tilt/zoom cameras 21

Axis thermal cameras 26

Explosion-protected cameras 27

Canon network cameras 29

VIDEO MANAGEMENT SOFTWARE 31

VIDEO RECORDERS 32

SYSTEM DEVICES 33

ACCESS CONTROL 36

NETWORK INTERCOMS 37

NETWORK AUDIO 38

WEARABLES 40

ACCESSORIES 41

ANALYTICS 42

CYBERSECURITY 43

## Axis warranty

5-year warranty for peace of mind

- ◆ 5-year product warranty
- ◆ Trouble-free ownership
- ◆ Better control of overall costs
- ◆ Enhanced RMA support
- ◆ First-class quality and support

Axis 5-year warranty covers most of our product portfolio (see datasheet for exceptions).



For more information, see:  
[Warranty](#)

## Axis tools - help at every stage

Axis offers a range of powerful tools that help you to save time and be more efficient at every stage of your project. From finding the right products and planning your sites, to installing and managing your systems. The tools include AXIS Site Designer, AXIS Device Manager and AXIS Device Manager Extend.



For more information, see:  
[Tools](#)

## Product selector - find and compare

Go to the Axis product selector to find and compare our products, and choose the ones most suitable for your needs.



For more information, see:  
[Product selector](#)

## Axis Communications Academy

Learn. Know. Grow.

Axis Communications Academy's industry-recognized training gives you deep knowledge about the latest solutions, technology, and trends delivered by the industry experts.

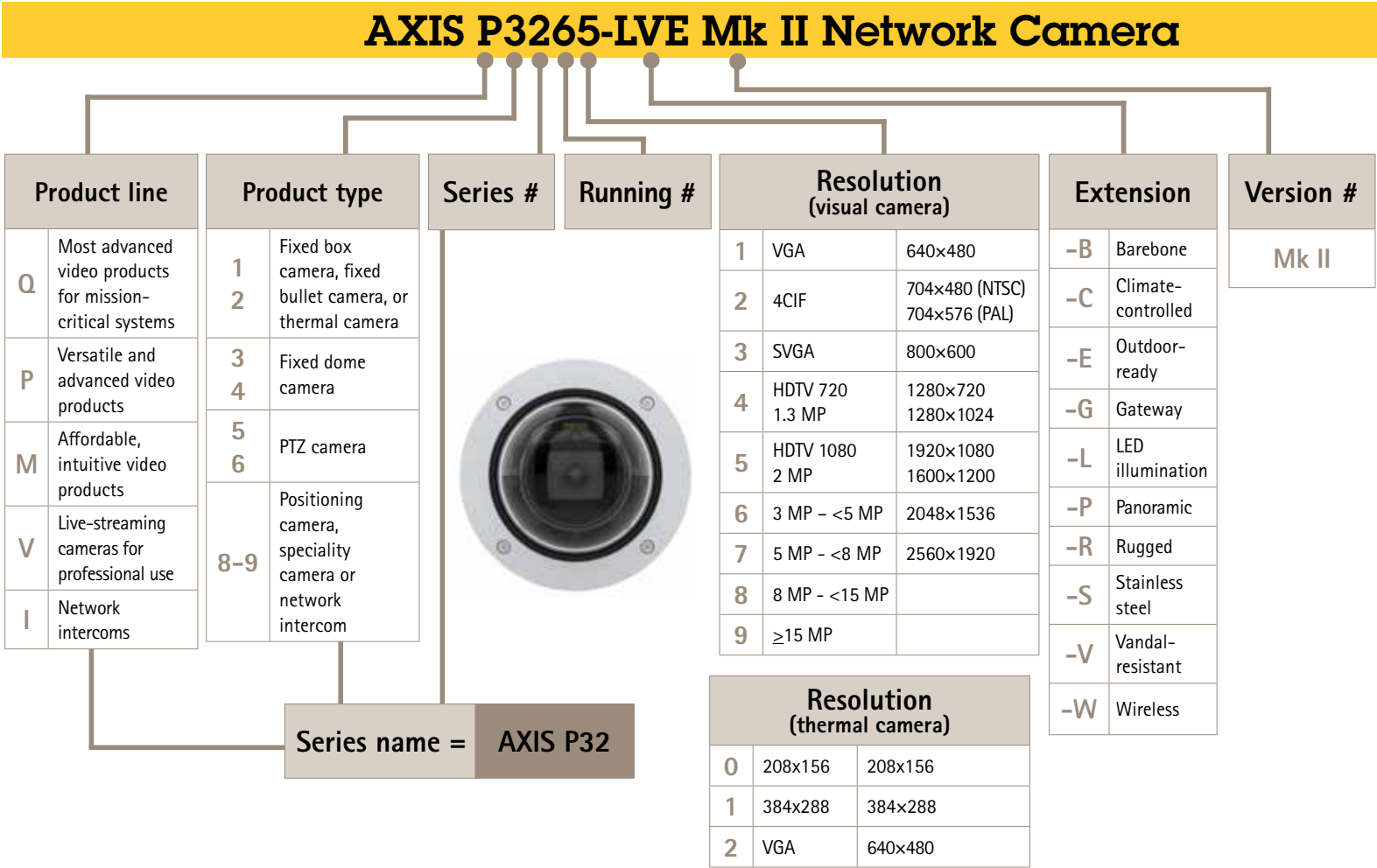


For more information, see:  
[Axis Communications Academy](#)



# Product naming structure - Guide

This guide explains Axis product naming structure in a comprehensive manner and gives useful information on the product and product features. For more information, see: [Product naming structure guide](#)



\*Not applicable for modular and explosion-protected cameras.

# Innovation that makes a difference

Our cutting-edge technologies protect people and businesses under all kinds of circumstances. From extreme weather to challenging light conditions, you can always depend on Axis for innovative surveillance solutions that meet your needs

## Solutions by technology



### System-on-chip

Designed or selected by Axis for optimal cybersecurity and solutions.



### Built-in cybersecurity features

Prevent unauthorized access and safeguard your system.



### Scene Intelligence

A superior foundation for analytics performance.



### Zipstream

Save bandwidth and space without sacrificing valuable information.



### Lightfinder

Capture color images in low-light conditions.



### Wide Dynamic Range - WDR

For maximum forensic value and usability in scenes with both very bright and very dark areas.



### OptimizedIR

For advanced and powerful camera-integrated IR solutions..



### Electronic image stabilization

Minimize the impact of vibration and shaking.



### Thermal imaging

Detect and verify in challenging conditions, without compromising privacy.



### Radar

Keep false alarms to a minimum with detection, classification and tracking 24/7.



### From analog to IP

Make the move at your own pace and benefit from the endless possibilities of a network solution.

ONVIF®

Axis products support one or several of the following ONVIF profiles:

- > Profile A – For access control configuration
- > Profile C – For door control and event management
- > Profile G – For edge storage and retrieval
- > Profile M – For metadata and events for analytics applications
- > Profile S – For basic video streaming
- > Profile T – For advanced video streaming

For more information on ONVIF, please go to:

[www.axis.com/technologies/onvif](http://www.axis.com/technologies/onvif) or [www.axis.com/onvif](http://www.axis.com/onvif)



## Axis fixed box cameras

|                                                            | AXIS Q16 Series                                                                                                                                                   |                                                                                                                                      |                                                                                                                                      |                                                                                                                                                      |                                                                                                                                                      |                                                                                                                                      |                                                                                                      |                                                                                                             |                                                                                                      |                                                                                                        |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|                                                            | AXIS Q1659 <sup>1</sup>                                                                                                                                           | AXIS Q1656                                                                                                                           | AXIS Q1656-B                                                                                                                         | AXIS Q1656-LE                                                                                                                                        | AXIS Q1656-BLE                                                                                                                                       | AXIS Q1656-BE                                                                                                                        | AXIS Q1647                                                                                           | AXIS Q1647-LE                                                                                               | AXIS Q1615 Mk III                                                                                    | AXIS Q1615-LE Mk III                                                                                   |
|                                                            |                                                                                  |                                                     |                                                     |                                                                    |                                                                   |                                                   |                   |                          |                   |                     |
| Max. video resolution                                      | 5472x3648 (20 MP)                                                                                                                                                 | 2688x1512 (4 MP)                                                                                                                     | 2688x1512 (4 MP)                                                                                                                     | 2688x1512 (4 MP)                                                                                                                                     | 2688x1512 (4 MP)                                                                                                                                     | 2688x1512 (4 MP)                                                                                                                     | 3072x1728 (5.3 MP)                                                                                   | 3072x1728 (5.3 MP)                                                                                          | 1920x1080 (2.1 MP)                                                                                   | 1920x1080 (2.1 MP)                                                                                     |
| Sensor size/Lens/<br>Horizontal field of view              | 24 mm: 50.1°,<br>35 mm: 35.5°<br>50 mm: 25.3°<br>85 mm: 15°<br>100 mm: 12.8°<br>10 – 22 mm: 96.6° – 54°<br>55 – 250 mm: 23.2° – 5.2°<br>70 – 200 mm: 18.2° – 6.4° | 1/1.8", i-CS lens<br>3.9 – 10 mm, F1.5<br>120° – 47°                                                                                 | 1/1.8", -, -                                                                                                                         | 1/1.8", i-CS lens<br>3.9 – 10 mm, F1.5<br>113° – 47°                                                                                                 | 1/1.8", -, -                                                                                                                                         | 1/1.8", -, -                                                                                                                         | 1/2", i-CS lens,<br>3.9 – 10 mm, F1.5,<br>110° – 44°                                                 | 1/2", i-CS lens,<br>3.9 – 10 mm, F1.5,<br>92° – 44°                                                         | 1/2.8", i-CS lens,<br>2.8 – 8.5 mm, F1.2,<br>116° – 40°                                              | 1/2.8", i-CS lens,<br>2.8 – 8.5 mm, F1.2,<br>102° – 40°                                                |
| Day and night                                              | ✓                                                                                                                                                                 | ✓                                                                                                                                    | ✓                                                                                                                                    | ✓                                                                                                                                                    | ✓                                                                                                                                                    | ✓                                                                                                                                    | ✓                                                                                                    | ✓                                                                                                           | ✓                                                                                                    | ✓                                                                                                      |
| Min. illumination (lux)<br>Color/B&W                       | 0.04/0.004                                                                                                                                                        | 0.05/0.01                                                                                                                            | - / -                                                                                                                                | 0.05/0.00                                                                                                                                            | - / -                                                                                                                                                | - / -                                                                                                                                | 0.12/0.02                                                                                            | 0.12/0.00                                                                                                   | 0.05/0.01                                                                                            | 0.05/0.00                                                                                              |
| Max. frames per second                                     | 25                                                                                                                                                                | 50/60                                                                                                                                | 50/60                                                                                                                                | 50/60                                                                                                                                                | 50/60                                                                                                                                                | 50/60                                                                                                                                | 50/60                                                                                                | 50/60                                                                                                       | 100/120                                                                                              | 100/120                                                                                                |
| Audio support /<br>Built-in mic                            | ✓ / -                                                                                                                                                             | ✓ / ✓                                                                                                                                | ✓ / ✓                                                                                                                                | ✓ / -                                                                                                                                                | ✓ / -                                                                                                                                                | ✓ / -                                                                                                                                | ✓ / ✓                                                                                                | ✓ / -                                                                                                       | ✓ / ✓                                                                                                | ✓ / -                                                                                                  |
| Compute capabilities                                       | -                                                                                                                                                                 | Deep learning<br>processing unit                                                                                                     | Deep learning<br>processing unit                                                                                                     | Deep learning<br>processing unit                                                                                                                     | Deep learning<br>processing unit                                                                                                                     | Deep learning<br>processing unit                                                                                                     | -                                                                                                    | -                                                                                                           | Deep learning<br>processing unit                                                                     | Deep learning<br>processing unit                                                                       |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Guard Suite<br>Audio detection<br>AXIS Video<br>Motion Detection<br>Active tampering alarm                                                                   | AXIS Object Analytics<br>Audio detection<br>AXIS Video<br>Motion Detection<br>Active tampering alarm                                 | AXIS Object Analytics<br>Audio detection<br>AXIS Video<br>Motion Detection<br>Active tampering alarm                                 | AXIS Object Analytics<br>Audio detection<br>AXIS Video<br>Motion Detection<br>Active tampering alarm                                                 | AXIS Object Analytics<br>Audio detection<br>AXIS Video<br>Motion Detection<br>Active tampering alarm                                                 | AXIS Object Analytics<br>Audio detection<br>AXIS Video<br>Motion Detection<br>Active tampering alarm                                 | AXIS Guard Suite<br>Audio detection<br>AXIS Video<br>Motion Detection<br>Active tampering alarm      | AXIS Guard Suite<br>Audio detection<br>AXIS Video<br>Motion Detection<br>Active tampering alarm             | AXIS Object Analytics<br>Audio detection<br>AXIS Video<br>Motion Detection<br>Active tampering alarm | AXIS Object Analytics<br>Audio detection<br>AXIS Video<br>Motion Detection<br>Active tampering alarm   |
| Power                                                      | PoE Class 4, DC                                                                                                                                                   | PoE Class 3, DC                                                                                                                      | PoE Class 3, DC                                                                                                                      | PoE Class 4, DC                                                                                                                                      | PoE Class 4, DC                                                                                                                                      | PoE Class 4, DC                                                                                                                      | PoE Class 3, DC                                                                                      | PoE Class 4                                                                                                 | PoE Class 3, DC                                                                                      | PoE Class 4                                                                                            |
| In-/output ports                                           | 2                                                                                                                                                                 | 4                                                                                                                                    | 4                                                                                                                                    | 4                                                                                                                                                    | 4                                                                                                                                                    | 4                                                                                                                                    | 4                                                                                                    | 4                                                                                                           | 4                                                                                                    | 4                                                                                                      |
| Operating temperature                                      | 0 °C to 45 °C<br>(32 °F to 122 °F)                                                                                                                                | -20 °C to 60 °C<br>(-4 °F to 140 °F)                                                                                                 | -20 °C to 60 °C<br>(-4 °F to 140 °F)                                                                                                 | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                                                | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                                                | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                                | -20 °C to 60 °C<br>(-4 °F to 140 °F)                                                                 | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                       | -10 °C to 55 °C<br>(14 °F to 131 °F)                                                                 | -40 °C to 60 °C<br>(-40 °F to 140 °F) with PoE                                                         |
| Outdoor ready approvals                                    | -                                                                                                                                                                 | -                                                                                                                                    | -                                                                                                                                    | IP66/IP67/NEMA 4X                                                                                                                                    | IP66/IP67/NEMA 4X                                                                                                                                    | IP66/IP67/NEMA 4X                                                                                                                    | -                                                                                                    | IP66/IP67/NEMA 4X                                                                                           | -                                                                                                    | IP66/IP67/NEMA 4X                                                                                      |
| WDR                                                        | Dynamic contrast                                                                                                                                                  | Forensic WDR                                                                                                                         | Forensic WDR                                                                                                                         | Forensic WDR                                                                                                                                         | Forensic WDR                                                                                                                                         | Forensic WDR                                                                                                                         | Forensic WDR                                                                                         | Forensic WDR                                                                                                | Forensic WDR                                                                                         | Forensic WDR                                                                                           |
| Lightfinder                                                | ✓                                                                                                                                                                 | Lightfinder 2.0                                                                                                                      | Lightfinder 2.0                                                                                                                      | Lightfinder 2.0                                                                                                                                      | Lightfinder 2.0                                                                                                                                      | Lightfinder 2.0                                                                                                                      | ✓                                                                                                    | ✓                                                                                                           | Lightfinder 2.0                                                                                      | Lightfinder 2.0                                                                                        |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / -                                                                                                                                                         | ✓ / ✓ / ✓                                                                                                                            | ✓ / ✓ / ✓                                                                                                                            | ✓ / ✓ / ✓                                                                                                                                            | ✓ / ✓ / ✓                                                                                                                                            | ✓ / ✓ / ✓                                                                                                                            | ✓ / ✓ / -                                                                                            | ✓ / ✓ / -                                                                                                   | ✓ / ✓ / ✓                                                                                            | ✓ / ✓ / ✓                                                                                              |
| Optimized IR / Built-in IR                                 | - / -                                                                                                                                                             | - / -                                                                                                                                | - / -                                                                                                                                | ✓ / ✓                                                                                                                                                | ✓ / ✓                                                                                                                                                | - / -                                                                                                                                | - / -                                                                                                | ✓ / ✓                                                                                                       | - / -                                                                                                | ✓ / ✓                                                                                                  |
| Special features                                           | Compatible with EF/EF-S<br>lenses<br>SFP slot                                                                                                                     | Electronic image<br>stabilization<br>Defogging<br>Shock detection<br>Scene profiles, Secure boot,<br>Axis Edge Vault<br>Signed video | Electronic image<br>stabilization<br>Defogging<br>Shock detection<br>Scene profiles, Secure boot,<br>Axis Edge Vault<br>Signed video | Electronic image<br>stabilization<br>Defogging, Shock detection<br>Scene profiles, Secure boot<br>Built-in wiper,<br>Axis Edge Vault<br>Signed video | Electronic image<br>stabilization<br>Defogging, Shock detection<br>Scene profiles, Secure boot<br>Built-in wiper,<br>Axis Edge Vault<br>Signed video | Electronic image<br>stabilization<br>Defogging<br>Shock detection<br>Scene profiles, Secure boot,<br>Axis Edge Vault<br>Signed video | Electronic image<br>stabilization<br>Defogging, Orientation aid<br>Shock detection<br>Scene profiles | Electronic image<br>stabilization<br>Defogging, Orientation aid<br>Shock detection<br>IK10 , Scene profiles | Electronic image<br>stabilization<br>Defogging<br>Shock detection<br>Scene profiles, Secure boot     | Electronic image<br>stabilization<br>IK10, Defogging<br>Shock detection<br>Scene profiles, Secure boot |

1. Outdoor ready with AXIS T93C10 Outdoor Housing

## Axis fixed box cameras

|                                                            | AXIS P13 Series                                                                                                       |                                                                                                                       |                                                                                                                       |                                                                                                                       |                                                                                                                            |                                                                                                                       |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|                                                            | AXIS P1378<br>                       | AXIS P1378-LE<br>                    | AXIS P1377<br>                      | AXIS P1377-LE<br>                  | AXIS P1375<br>                          | AXIS P1375-E<br>                   |
| Max. video resolution                                      | 3840x2160 (8.3 MP)                                                                                                    | 3840x2160 (8.3 MP)                                                                                                    | 2592x1944 (5 MP)                                                                                                      | 2592x1944 (5 MP)                                                                                                      | 1920x1080 (2.1 MP)                                                                                                         | 1920x1080 (2.1 MP)                                                                                                    |
| Sensor size/Lens/<br>Horizontal field of view              | 1/1.8",<br>3.9 – 10 mm, F1.5,<br>119° – 45°                                                                           | 1/1.8",<br>3.9 – 10 mm, F1.5,<br>115° – 45°                                                                           | 1/2.7",<br>2.8 – 8 mm, F1.2,<br>111° – 38°                                                                            | 1/2.7",<br>2.8 – 8 mm, F1.2,<br>90° – 38°                                                                             | 1/2.8",<br>2.8 – 8 mm, F1.2,<br>124° – 42°                                                                                 | 1/2.8",<br>2.8 – 8 mm, F1.2,<br>107° – 42°                                                                            |
| Day and night                                              | ✓                                                                                                                     | ✓                                                                                                                     | ✓                                                                                                                     | ✓                                                                                                                     | ✓                                                                                                                          | ✓                                                                                                                     |
| Min. illumination (lux)<br>Color/B&W                       | 0.15/0.03                                                                                                             | 0.15/0.00                                                                                                             | 0.13/0.03                                                                                                             | 0.13/0.00                                                                                                             | 0.05/0.01                                                                                                                  | 0.05/0.01                                                                                                             |
| Max. frames per second                                     | 25/30                                                                                                                 | 25/30                                                                                                                 | 25/30                                                                                                                 | 25/30                                                                                                                 | 50/60                                                                                                                      | 50/60                                                                                                                 |
| Audio support/<br>Built-in mic                             | ✓ / ✓                                                                                                                 | ✓ / -                                                                                                                 | ✓ / ✓                                                                                                                 | ✓ / -                                                                                                                 | ✓ / ✓                                                                                                                      | ✓ / -                                                                                                                 |
| Compute capabilities                                       | Machine learning processing unit                                                                                      | Machine learning processing unit                                                                                      | Machine learning processing unit                                                                                      | Machine learning processing unit                                                                                      | Machine learning processing unit                                                                                           | Machine learning processing unit                                                                                      |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Object Analytics<br>AXIS Guard Suite<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS Object Analytics<br>AXIS Guard Suite<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS Object Analytics<br>AXIS Guard Suite<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS Object Analytics<br>AXIS Guard Suite<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS Object Analytics<br>AXIS Guard Suite<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm      | AXIS Object Analytics<br>AXIS Guard Suite<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm |
| Power                                                      | PoE Class 3, DC                                                                                                       | PoE Class 3 (with IR disabled), DC                                                                                    | PoE Class 3, DC                                                                                                       | PoE Class 3 (with IR disabled), DC                                                                                    | PoE Class 3, DC                                                                                                            | PoE Class 3, DC                                                                                                       |
| In-/output ports                                           | 2/2                                                                                                                   | 2/2                                                                                                                   | 2/2                                                                                                                   | 2/2                                                                                                                   | 2/2                                                                                                                        | 2/2                                                                                                                   |
| Operating temperature                                      | -10 °C to 55 °C<br>(14 °F to 131 °F)                                                                                  | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                 | -10 °C to 55 °C<br>(14 °F to 131 °F)                                                                                  | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                 | -10 °C to 55 °C<br>(14 °F to 131 °F)                                                                                       | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                 |
| Outdoor ready approval                                     | -                                                                                                                     | IP66/IP67/NEMA 4X                                                                                                     | -                                                                                                                     | IP66/IP67/NEMA 4X                                                                                                     | -                                                                                                                          | IP66/IP67/NEMA 4X                                                                                                     |
| WDR                                                        | Forensic WDR                                                                                                          | Forensic WDR                                                                                                          | Forensic WDR                                                                                                          | Forensic WDR                                                                                                          | Forensic WDR                                                                                                               | Forensic WDR                                                                                                          |
| Lightfinder                                                | ✓                                                                                                                     | ✓                                                                                                                     | ✓                                                                                                                     | ✓                                                                                                                     | Lightfinder 2.0                                                                                                            | Lightfinder 2.0                                                                                                       |
| Zipstream/H.264<br>/H.265                                  | ✓ / ✓ / ✓                                                                                                             | ✓ / ✓ / ✓                                                                                                             | ✓ / ✓ / ✓                                                                                                             | ✓ / ✓ / ✓                                                                                                             | ✓ / ✓ / ✓                                                                                                                  | ✓ / ✓ / ✓                                                                                                             |
| Optimized IR / Built-<br>in IR                             | - / -                                                                                                                 | ✓ / ✓                                                                                                                 | - / -                                                                                                                 | ✓ / ✓                                                                                                                 | - / -                                                                                                                      | - / -                                                                                                                 |
| Special features                                           | Video streaming indicator<br>Defogging<br>Shock detection<br>Electronic image stabilization<br>Secure boot            | IK10<br>Video streaming indicator<br>Defogging<br>Shock detection<br>Electronic image stabilization<br>Secure boot    | Video streaming indicator<br>Defogging<br>Shock detection<br>Electronic image stabilization<br>Secure boot            | IK10<br>Video streaming indicator<br>Defogging<br>Shock detection<br>Electronic image stabilization<br>Secure boot    | Video streaming indicator<br>Defogging<br>Shock detection<br>Electronic image stabilization<br>Secure boot<br>Signed video | IK10<br>Defogging<br>Shock detection<br>Electronic image stabilization<br>Secure boot<br>Signed video                 |

## Axis fixed box cameras

|                                                            | AXIS M11 Series                                                                                          |                                                                                                            |                                                                                                          |                                                                                                              | AXIS M10 Series                                                                                     |                                                                                                      |                                                                                                      |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|                                                            | AXIS M1137 MkII<br> NEW | AXIS M1137-E MkII<br> NEW | AXIS M1135 MkII<br> NEW | AXIS M1135-E MkII<br> NEW | AXIS M1065-L<br> | AXIS M1065-LW<br> | AXIS M1045-LW<br> |
| Max. video resolution                                      | 2592x1944 (5 MP)                                                                                         | 2592x1944 (5 MP)                                                                                           | 1920x1080 (2.1 MP)                                                                                       | 1920x1080 (2.1 MP)                                                                                           | 1920x1080 (2.1 MP)                                                                                  | 1920x1080 (2.1 MP)                                                                                   | 1920x1080 (2.1 MP)                                                                                   |
| Sensor size/Lens/<br>Horizontal field of view              | 1/2.7",<br>2.8 - 13 mm, F1.4,<br>112° - 24°                                                              | 1/2.7",<br>2.8 - 13 mm, F1.4,<br>112° - 24°                                                                | 1/2.9",<br>3 - 10.5 mm, F1.4,<br>90° - 33°                                                               | 1/2.9",<br>3 - 10.5 mm, F1.4,<br>90° - 33°                                                                   | 1/3",<br>2.8 mm, F2.0,<br>110°                                                                      | 1/3",<br>2.8 mm, F2.0,<br>110°                                                                       | 1/3",<br>2.8 mm, F2.0,<br>110°                                                                       |
| Day and night                                              | ✓                                                                                                        | ✓                                                                                                          | ✓                                                                                                        | ✓                                                                                                            | ✓                                                                                                   | ✓                                                                                                    | ✓                                                                                                    |
| Min. illumination (lux)<br>Color/B&W                       | 0.17/0.03                                                                                                | 0.17/0.03                                                                                                  | 0.15/0.03                                                                                                | 0.15/0.03                                                                                                    | 0.25/0.00                                                                                           | 0.25/0.00                                                                                            | 0.25/0.00                                                                                            |
| Max. frames per second                                     | 25/30                                                                                                    | 25/30                                                                                                      | 25/30                                                                                                    | 25/30                                                                                                        | 25/30                                                                                               | 25/30                                                                                                | 25/30                                                                                                |
| Audio support/<br>Built-in mic                             | ✓ / ✓                                                                                                    | ✓ / -                                                                                                      | ✓ / ✓                                                                                                    | ✓ / -                                                                                                        | ✓ / ✓                                                                                               | ✓ / ✓                                                                                                | - / -                                                                                                |
| Compute capabilities                                       | Machine learning processing unit                                                                         | Machine learning processing unit                                                                           | Machine learning processing unit                                                                         | Machine learning processing unit                                                                             | -                                                                                                   | -                                                                                                    | -                                                                                                    |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Object Analytics<br>AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm       | AXIS Object Analytics<br>AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm         | AXIS Object Analytics<br>AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm       | AXIS Object Analytics<br>AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm           | AXIS Guard Suite<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm        | AXIS Guard Suite<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm         | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                            |
| Power                                                      | PoE Class 3, DC                                                                                          | PoE Class 3, DC                                                                                            | PoE Class 2, DC                                                                                          | PoE Class 2, DC                                                                                              | PoE Class 2, DC                                                                                     | DC                                                                                                   | DC                                                                                                   |
| In-/output ports                                           | 2                                                                                                        | 2                                                                                                          | 2                                                                                                        | 2                                                                                                            | -                                                                                                   | -                                                                                                    | -                                                                                                    |
| Operating temperature                                      | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                                     | -25 °C to 50 °C<br>(-13 °F to 122 °F)                                                                      | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                                     | -25 °C to 50 °C<br>(-13 °F to 122 °F)                                                                        | 0 °C to 40 °C<br>(32 °F to 104 °F)                                                                  | 0 °C to 40 °C<br>(32 °F to 104 °F)                                                                   | 0 °C to 40 °C<br>(32 °F to 104 °F)                                                                   |
| Outdoor ready approval                                     | -                                                                                                        | IP66/NEMA 4X                                                                                               | -                                                                                                        | IP66/NEMA 4X                                                                                                 | -                                                                                                   | -                                                                                                    | -                                                                                                    |
| WDR                                                        | Forensic WDR                                                                                             | Forensic WDR                                                                                               | Forensic WDR                                                                                             | Forensic WDR                                                                                                 | WDR                                                                                                 | WDR                                                                                                  | WDR                                                                                                  |
| Lightfinder                                                | ✓                                                                                                        | ✓                                                                                                          | ✓                                                                                                        | ✓                                                                                                            | -                                                                                                   | -                                                                                                    | -                                                                                                    |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                                                | ✓ / ✓ / ✓                                                                                                  | ✓ / ✓ / ✓                                                                                                | ✓ / ✓ / ✓                                                                                                    | ✓ / ✓ / -                                                                                           | ✓ / ✓ / -                                                                                            | ✓ / ✓ / -                                                                                            |
| Optimized IR/Built-in IR                                   | - / -                                                                                                    | - / -                                                                                                      | - / -                                                                                                    | - / -                                                                                                        | - / ✓                                                                                               | - / ✓                                                                                                | - / ✓                                                                                                |
| Special features                                           | Secure boot<br>Video streaming indicator<br>Axis Edge Vault<br>Edge-to-edge technology                   | IK10<br>Secure boot<br>Video streaming indicator<br>Axis Edge Vault<br>Edge-to-edge technology             | Secure boot<br>Video streaming indicator<br>Axis Edge Vault<br>Edge-to-edge technology                   | IK10<br>Secure boot<br>Video streaming indicator<br>Axis Edge Vault<br>Edge-to-edge technology               | Built-in PIR                                                                                        | Built-in PIR<br>WLAN                                                                                 | WLAN                                                                                                 |

## Axis fixed bullet cameras

|                                                            | AXIS Q17 Series                                                                                                                   |                                                                                                          |                                                                                                          |                                                                                                                                                                                                                       |                                                                                                                                                 | AXIS M20 Series                                                                                      |                                                                                                      |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|                                                            | AXIS Q1798-LE<br>                                | AXIS Q1786-LE<br>       | AXIS Q1785-LE<br>      | AXIS Q1715<br>                                                                                                                     | AXIS Q1700-LE<br>                                            | AXIS M2036-LE<br> | AXIS M2035-LE<br> |
| Max. video resolution                                      | 3712x2784 (10.3 MP)                                                                                                               | 2560x1440 (3.7 MP)                                                                                       | 1920x1080 (2.1 MP)                                                                                       | 1920x1080 (2.1 MP)                                                                                                                                                                                                    | 1920x1080 (2.1 MP)                                                                                                                              | 2668x1512 (4 MP)                                                                                     | 1920x1080 (2.1 MP)                                                                                   |
| Sensor size/Lens/<br>Horizontal field of view              | 4/3",<br>12 - 48 mm, F1.7 - 4.0,<br>90° - 21°                                                                                     | 1/1.8",<br>4.3 - 137 mm, F1.4 - 4.0,<br>60° - 2.3°                                                       | 1/2.8",<br>4.3 - 137 mm, F1.4 - 4.0,<br>60° - 2.3°                                                       | 1/2.8",<br>4-84.6 mm, F1.6-F4.5,<br>76°-3.6°                                                                                                                                                                          | 1/2.8",<br>18 - 137 mm, F2.9 - 4.0,<br>16° - 2.3°                                                                                               | 1/2.7",<br>2.4 mm, F2.1, 129°                                                                        | 1/2.9", 3.2 mm, F1.4, 101°<br>1/2.9", 7.5 mm, F1.6, 39°                                              |
| Day and night                                              | ✓                                                                                                                                 | ✓                                                                                                        | ✓                                                                                                        | ✓                                                                                                                                                                                                                     | ✓                                                                                                                                               | ✓                                                                                                    | ✓                                                                                                    |
| Min. illumination (lux)<br>Color/B&W                       | 0.03/0.00                                                                                                                         | 0.18/0.00                                                                                                | 0.16/0.00                                                                                                | 0.1/0.02                                                                                                                                                                                                              | 0.16/0.00                                                                                                                                       | 0.18/0.00                                                                                            | 3.2 mm: 0.16/0.00<br>7.5 mm: 0.17/0.00                                                               |
| Max. frames per second                                     | 25/30                                                                                                                             | 50/60                                                                                                    | 50/60                                                                                                    | 50/60                                                                                                                                                                                                                 | 50/60                                                                                                                                           | 25/30                                                                                                | 25/30                                                                                                |
| Optical zoom                                               | 4x                                                                                                                                | 32x                                                                                                      | 32x                                                                                                      | 21x                                                                                                                                                                                                                   | 8x                                                                                                                                              | -                                                                                                    | -                                                                                                    |
| Audio support/<br>Built-in mic                             | ✓ / -                                                                                                                             | ✓ / -                                                                                                    | ✓ / -                                                                                                    | ✓ / -                                                                                                                                                                                                                 | ✓ / -                                                                                                                                           | - / -                                                                                                | - / -                                                                                                |
| Compute capabilities                                       | Machine learning processing unit                                                                                                  | -                                                                                                        | -                                                                                                        | Deep learning processing unit                                                                                                                                                                                         | -                                                                                                                                               | Deep learning processing unit                                                                        | Deep learning processing unit                                                                        |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Object Analytics<br>AXIS Guard Suite<br>Audio detection, Gatekeeper<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS Guard Suite<br>Audio detection, Gatekeeper<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS Guard Suite<br>Audio detection, Gatekeeper<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS Object Analytics<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                                                     | AXIS Video Motion Detection<br>Active tampering alarm<br>Gatekeeper                                                                             | AXIS Object Analytics<br>AXIS Video Motion Detection<br>Active tampering alarm                       | AXIS Object Analytics<br>AXIS Video Motion Detection<br>Active tampering alarm                       |
| Power                                                      | PoE Class 4, AC, DC                                                                                                               | PoE Class 3, AC, DC                                                                                      | PoE Class 3, AC, DC                                                                                      | PoE Class 3/4, DC                                                                                                                                                                                                     | PoE Class 3, AC, DC                                                                                                                             | PoE Class 3                                                                                          | PoE Class 3                                                                                          |
| In-/output ports                                           | 2                                                                                                                                 | 2                                                                                                        | 2                                                                                                        | 4                                                                                                                                                                                                                     | 2                                                                                                                                               | -                                                                                                    | -                                                                                                    |
| Operating temperature                                      | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                             | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                    | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                    | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                                                                                                                                                  | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                                           | -30 °C to 50 °C<br>(-22 °F to 122 °F)                                                                | -30 °C to 50 °C<br>(-22 °F to 122 °F)                                                                |
| Outdoor ready<br>approvals                                 | IP66/IP67/NEMA 4X                                                                                                                 | IP66/IP67/NEMA 4X                                                                                        | IP66/IP67/NEMA 4X                                                                                        | -                                                                                                                                                                                                                     | IP66/NEMA 4X                                                                                                                                    | IP66/IP67/NEMA 4X                                                                                    | IP66/IP67/NEMA 4X                                                                                    |
| WDR                                                        | Forensic WDR                                                                                                                      | Forensic WDR                                                                                             | Forensic WDR                                                                                             | Forensic WDR                                                                                                                                                                                                          | Forensic WDR                                                                                                                                    | WDR                                                                                                  | WDR                                                                                                  |
| Lightfinder                                                | ✓                                                                                                                                 | ✓                                                                                                        | ✓                                                                                                        | Lightfinder 2.0                                                                                                                                                                                                       | ✓                                                                                                                                               | ✓                                                                                                    | ✓                                                                                                    |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                                                                         | ✓ / ✓ / -                                                                                                | ✓ / ✓ / -                                                                                                | ✓ / ✓ / ✓                                                                                                                                                                                                             | ✓ / ✓ / -                                                                                                                                       | ✓ / ✓ / ✓                                                                                            | ✓ / ✓ / ✓                                                                                            |
| OptimizedIR/Built-in IR                                    | ✓ / ✓                                                                                                                             | ✓ / ✓                                                                                                    | ✓ / ✓                                                                                                    | - / -                                                                                                                                                                                                                 | ✓ / ✓                                                                                                                                           | - / ✓                                                                                                | - / ✓                                                                                                |
| Special features                                           | Electronic image stabilization<br>IK10<br>Defogging<br>Secure boot<br>Video streaming indicator                                   | Electronic image stabilization<br>IK10<br>Defogging                                                      | Electronic image stabilization<br>IK10<br>Defogging                                                      | Electronic image stabilization,<br>Defogging<br>Shock detection, Scene profiles<br>Secure boot, HDMI, HD-SDI, I2C<br>FIPS 140-2 certified TPM 2.0 module<br>Axis Edge Vault, Signed video,<br>Edge-to-edge technology | Electronic image stabilization<br>IK10, Defogging<br>Built-in license plate capture assistant<br>Support for third-party based LPR<br>analytics | IK08<br>Secure boot<br>Axis Edge Vault<br>Edge-to-edge technology                                    | IK08<br>Secure boot<br>Axis Edge Vault<br>Edge-to-edge technology                                    |

## Axis fixed bullet cameras

| AXIS P14 Series                                            |                                                                                                                       |                                                                                                                       |                                                                                                                                      |                                                                                                                       |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|                                                            | AXIS P1468-LE<br>                    | AXIS P1467-LE<br>                   | AXIS P1455-LE-3<br>Licence Plate Verifier Kit<br> | AXIS P1455-LE<br>                  |
| Max. video resolution                                      | 3840x2160                                                                                                             | 2592x1944 (5 MP)                                                                                                      | 1920x1080 (2.1 MP)                                                                                                                   | 1920x1080 (2.1 MP)                                                                                                    |
| Sensor size/Lens/<br>Horizontal field of view              | 1/1.2",<br>6.2–12.9 mm, F1.6–2.9,<br>108° – 49°                                                                       | 1/2.7",<br>2.8–8 mm, F1.3,<br>106° – 38°                                                                              | 1/2.8",<br>10.9 – 29 mm, F1.7,<br>29° – 11°                                                                                          | 1/2.8",<br>3 – 9 mm,<br>F1.6, 114° – 37°<br>1/2.8", 10.9 – 29 mm, F1.7, 29° – 11°                                     |
| Day and night                                              | ✓                                                                                                                     | ✓                                                                                                                     | ✓                                                                                                                                    | ✓                                                                                                                     |
| Min. illumination (lux)<br>Color/B&W                       | 0,07/0,00                                                                                                             | 0,13/0,00                                                                                                             | 0,07/0,00                                                                                                                            | 9 mm: 0,07/0,00<br>29 mm: 0,07/0,00                                                                                   |
| Max. frames per second                                     | 25/30                                                                                                                 | 25/30                                                                                                                 | 50/60                                                                                                                                | 50/60                                                                                                                 |
| Optical zoom                                               | 3x                                                                                                                    | 3x                                                                                                                    | 3x                                                                                                                                   | 3x                                                                                                                    |
| Audio support/<br>Built-in mic                             | ✓ / -                                                                                                                 | ✓ / -                                                                                                                 | ✓ / -                                                                                                                                | ✓ / -                                                                                                                 |
| Compute capabilities                                       | Deep learning processing unit                                                                                         | Deep learning processing unit                                                                                         | -                                                                                                                                    | Machine learning processing unit                                                                                      |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Object Analytics<br>AXIS Guard Suite<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS Object Analytics<br>AXIS Guard Suite<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS License Plate Verifier<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm                              | AXIS Object Analytics<br>AXIS Guard Suite<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm |
| Power                                                      | PoE Class 3                                                                                                           | PoE Class 3                                                                                                           | PoE Class 3                                                                                                                          | PoE Class 3                                                                                                           |
| In-/output ports                                           | 1/1                                                                                                                   | 1/1                                                                                                                   | 1/1                                                                                                                                  | 1/1                                                                                                                   |
| Operating temperature                                      | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                 | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                 | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                                | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                 |
| Outdoor ready<br>approvals                                 | IP66/IP67/NEMA 4X                                                                                                     | IP66/IP67/NEMA 4X                                                                                                     | IP66/IP67/NEMA 4X                                                                                                                    | IP66/IP67/NEMA 4X                                                                                                     |
| WDR                                                        | Forensic WDR                                                                                                          | Forensic WDR                                                                                                          | Forensic WDR                                                                                                                         | Forensic WDR                                                                                                          |
| Lightfinder                                                | Lightfinder 2.0                                                                                                       | Lightfinder 2.0                                                                                                       | Lightfinder 2.0                                                                                                                      | Lightfinder 2.0                                                                                                       |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                                                             | ✓ / ✓ / ✓                                                                                                             | ✓ / ✓ / ✓                                                                                                                            | ✓ / ✓ / ✓                                                                                                             |
| Optimized IR/Built-in IR                                   | ✓ / ✓                                                                                                                 | ✓ / ✓                                                                                                                 | ✓ / ✓                                                                                                                                | ✓ / ✓                                                                                                                 |
| Special features                                           | IK10, Defogging<br>Shock detection<br>Secure boot<br>Axis Edge Vault<br>Edge-to-edge technology                       | IK10, Defogging<br>Shock detection<br>Secure boot<br>Axis Edge Vault<br>Edge-to-edge technology                       | IK10, Defogging<br>Shock detection<br>Secure boot<br>Axis Edge Vault<br>Edge-to-edge technology                                      | IK10, Defogging<br>Shock detection<br>Secure boot<br>Axis Edge Vault<br>Edge-to-edge technology                       |

## Axis modular cameras

10

|                                                            | AXIS F Series                                                                                                     |                                                                                               |                                                                                                 |                                                                                                                |                                                                                                                  |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|                                                            | AXIS F44<br>Dual Audio Input<br> | AXIS F41<br> | AXIS F34<br> | AXIS F4005 <sup>1</sup><br> | AXIS F4005-E <sup>1</sup><br> |
| Max. video resolution                                      | 1920x1080 (2.1 MP)                                                                                                | 1920x1200 (2.3 MP)                                                                            | 1920x1080 (2.1 MP)                                                                              | 1920x1200 (2.3 MP)                                                                                             | 1920x1200 (2.3 MP)                                                                                               |
| Sensor size/Lens/<br>Horizontal field of view              | -                                                                                                                 | -                                                                                             | -                                                                                               | 1/2.8",<br>2.8 mm, F2.0,<br>113°                                                                               | 1/2.8",<br>2.8 mm, F2.0,<br>110°                                                                                 |
| Day and night                                              | -                                                                                                                 | -                                                                                             | -                                                                                               | -                                                                                                              | -                                                                                                                |
| Min. illumination (lux)<br>Color/B&W                       | -                                                                                                                 | -                                                                                             | -                                                                                               | 0.3/-                                                                                                          | 0.3/-                                                                                                            |
| Max. frames per second                                     | 25/30                                                                                                             | 50/60                                                                                         | 25/30                                                                                           | 50/60                                                                                                          | 50/60                                                                                                            |
| Audio support/<br>Built-in mic                             | ✓ / -                                                                                                             | ✓ / -                                                                                         | - / -                                                                                           | - / -                                                                                                          | - / -                                                                                                            |
| Included analytics<br>(for Axis analytics,<br>see page 43) | Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm                                          | Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm                      | Audio detection,<br>Active tampering alarm                                                      | -                                                                                                              | -                                                                                                                |
| Power                                                      | PoE Class 3, DC                                                                                                   | PoE Class 3, DC                                                                               | PoE Class 3, DC                                                                                 | -                                                                                                              | -                                                                                                                |
| In-/output ports                                           | 4                                                                                                                 | 4                                                                                             | -                                                                                               | -                                                                                                              | -                                                                                                                |
| Operating temperature                                      | -30 °C to 60 °C<br>(-22 °F to 140 °F)                                                                             | -30 °C to 60 °C<br>(-22 °F to 140 °F)                                                         | 0 °C to 40° C<br>(32 °F to 104 °F)                                                              | -30 °C to 55 °C<br>(-22 °F to 131 °F)                                                                          | -30 °C to 55 °C<br>(-22 °F to 131 °F)                                                                            |
| Outdoor ready<br>approvals                                 | -                                                                                                                 | -                                                                                             | -                                                                                               | -                                                                                                              | IP66                                                                                                             |
| WDR                                                        | Forensic Capture                                                                                                  | Forensic Capture                                                                              | Dynamic contrast                                                                                | Forensic Capture <sup>2</sup>                                                                                  | Forensic Capture <sup>2</sup>                                                                                    |
| Lightfinder                                                | -                                                                                                                 | -                                                                                             | -                                                                                               | -                                                                                                              | -                                                                                                                |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / -                                                                                                         | ✓ / ✓ / -                                                                                     | ✓ / ✓ / -                                                                                       | - / - / -                                                                                                      | - / - / -                                                                                                        |
| OptimizedIR/Built-in IR                                    | - / -                                                                                                             | - / -                                                                                         | - / -                                                                                           | - / -                                                                                                          | - / -                                                                                                            |
| Special features                                           | Supports 4 sensor units<br>Rugged<br>Quad view<br>2x memory card slots<br>Suited for onboard surveillance         | Supports 1 sensor unit<br>Rugged<br>1x memory card slot<br>Suited for onboard surveillance    | Supports 4 sensor units<br>Quad view<br>2x memory card slots                                    | Standard lens<br>Suited for onboard surveillance                                                               | IK09<br>Standard lens                                                                                            |

1. For use with AXIS F Main Units

2. With AXIS F41/AXIS F44 Main Unit

## Axis modular cameras

|                                                            | AXIS F Series                                                                     |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                            | AXIS F1035-E <sup>1</sup>                                                         | AXIS F1025 <sup>1</sup>                                                           | AXIS F1015 <sup>1</sup>                                                             | AXIS F1005-E <sup>1</sup>                                                           | AXIS F1004 <sup>1</sup><br>AXIS F1004 Bullet <sup>1</sup>                           | AXIS F1004 Pinhole <sup>1</sup>                                                     |
|                                                            |  |  |  |  |  |  |
| Max. video resolution                                      | 1920x1200 (2.3 MP)                                                                | 1920x1200 (2.3 MP)                                                                | 1920x1200 (2.3 MP)                                                                  | 1920x1200 (2.3 MP)                                                                  | 1280x720 (1 MP)                                                                     | 1280x720 (1 MP)                                                                     |
| Sensor size/Lens/<br>Horizontal field of view              | 1/2.8",<br>1.3 mm, F2.8,<br>194°                                                  | 1/2.8",<br>3.7 mm, F2.5,<br>92°                                                   | 1/2.8",<br>3-6 mm, F2.0,<br>97° - 52°                                               | 1/2.8",<br>2.8 mm, F2.0,<br>113°                                                    | 1/4",<br>2.1 mm, F2.2,<br>102°                                                      | 1/4",<br>3.7 mm, F2.5,<br>57°                                                       |
| Day and night                                              | -                                                                                 | -                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
| Min. illumination (lux)<br>Color/B&W                       | 0.3/-                                                                             | 0.3/-                                                                             | 0.3/-                                                                               | 0.3/-                                                                               | 0.4/-                                                                               | 0.5/-                                                                               |
| Max. frames per second                                     | 50/60                                                                             | 50/60                                                                             | 50/60                                                                               | 50/60                                                                               | 25/30                                                                               | 25/30                                                                               |
| Audio support/<br>Built-in mic                             | - / -                                                                             | - / -                                                                             | - / -                                                                               | - / -                                                                               | - / -                                                                               | - / -                                                                               |
| Included analytics<br>(for Axis analytics,<br>see page 43) | -                                                                                 | -                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
| Power                                                      | -                                                                                 | -                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
| In-/output ports                                           | -                                                                                 | -                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
| Operating temperature                                      | -30 °C to 55 °C<br>(-22 °F to 131 °F)                                             | -30 °C to 55 °C<br>(-22 °F to 131 °F)                                             | -30 °C to 55 °C<br>(-22 °F to 131 °F)                                               | -30 °C to 55 °C<br>(-22 °F to 131 °F)                                               | -20 °C to 50 °C<br>(-4 °F to 122 °F)/<br>-20 °C to 50 °C<br>(-4 °F to 122 °F)       | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                |
| Outdoor ready<br>approvals                                 | IP66/IP67/NEMA 4X                                                                 | -                                                                                 | -                                                                                   | IP66/IP67/NEMA 4X                                                                   | -                                                                                   | -                                                                                   |
| WDR                                                        | Forensic Capture <sup>2</sup>                                                     | Forensic Capture <sup>2</sup>                                                     | Forensic Capture <sup>2</sup>                                                       | Forensic Capture <sup>2</sup>                                                       | WDR                                                                                 | WDR                                                                                 |
| Lightfinder                                                | -                                                                                 | -                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
| Zipstream/H.264/H.265                                      | - / - / -                                                                         | - / - / -                                                                         | - / - / -                                                                           | - / - / -                                                                           | - / - / -                                                                           | - / - / -                                                                           |
| Optimized IR/Built-in IR                                   | - / -                                                                             | - / -                                                                             | - / -                                                                               | - / -                                                                               | - / -                                                                               | - / -                                                                               |
| Special features                                           | Fisheye lens<br>Suited for onboard surveillance                                   | Pinhole lens                                                                      | Varifocal lens                                                                      | Standard lens<br>Suited for onboard surveillance                                    | Standard lens                                                                       | Pinhole lens                                                                        |

1. For use with AXIS F Main Units

2. With AXIS F41/AXIS F44 Main Unit

# Axis modular cameras

12

|                                                            | AXIS FA Series                                                                    |                                                                                                 |                                                                                                 |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                          |
|------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                                                            | AXIS FA54                                                                         | AXIS FA51-B                                                                                     | AXIS FA51                                                                                       | AXIS FA4115 <sup>1</sup>                                                           | AXIS FA4090-E <sup>1</sup>                                                          | AXIS FA3105-L <sup>1</sup>                                                          | AXIS FA1125 <sup>1</sup>                                                            | AXIS FA1105 <sup>1</sup>                                                            | AXIS FA1080-E <sup>1</sup>                                                               |
|                                                            |  |                |                |  |  |  |  |  |       |
| Max. video resolution                                      | 1920x1080 (2.1 MP)                                                                | 1920x1080 (2.1 MP)                                                                              | 1920x1080 (2.1 MP)                                                                              | 1920x1080 (2.1 MP)                                                                 | 208x156                                                                             | 1920x1080 (2.1 MP)                                                                  | 1920x1080 (2.1 MP)                                                                  | 1920x1080 (2.1 MP)                                                                  | 208x156                                                                                  |
| Sensor size/Lens/<br>Horizontal field of view              | -                                                                                 | -                                                                                               | -                                                                                               | 1/3",<br>2.8 – 6.0 mm, F2.0,<br>99° – 53°                                          | Uncooled microbolometer<br>Athermalized lens<br>4 mm, F1.2,<br>35.4°                | 1/3",<br>3.13 mm, F2.0,<br>103°                                                     | 1/3",<br>3.7 mm, F2.5,<br>91°                                                       | 1/3",<br>2.8 mm, F2.0,<br>111°                                                      | Uncooled microbolometer<br>Athermalized lens<br>2.2 mm, F1.05, 63°,<br>4 mm, F1.2, 35.4° |
| Day and night                                              | -                                                                                 | -                                                                                               | -                                                                                               | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                        |
| Min. illumination (lux)<br>Color/B&W                       | -                                                                                 | -                                                                                               | -                                                                                               | 0.2/-                                                                              | -                                                                                   | 0.2/-                                                                               | 0.25/-                                                                              | 0.2/-                                                                               | -                                                                                        |
| Max. frames per second                                     | 25/30                                                                             | 25/30                                                                                           | 25/30                                                                                           | 25/30                                                                              | 8.3                                                                                 | 25/30                                                                               | 25/30                                                                               | 25/30                                                                               | 8.3                                                                                      |
| Audio support/<br>Built-in mic                             | ✓ / -                                                                             | - / -                                                                                           | - / -                                                                                           | - / -                                                                              | - / -                                                                               | - / -                                                                               | - / -                                                                               | - / -                                                                               | - / -                                                                                    |
| Included analytics<br>(for Axis analytics,<br>see page 43) | Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm          | AXIS Guard Suite<br>AXIS Video Motion Detection<br>AXIS Face Detector<br>Active tampering alarm | AXIS Guard Suite<br>AXIS Video Motion Detection<br>AXIS Face Detector<br>Active tampering alarm | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                        |
| Power                                                      | DC                                                                                | PoE Class 3                                                                                     | PoE Class 3                                                                                     | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                        |
| In-/output ports                                           | 4                                                                                 | 2                                                                                               | 2                                                                                               | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                        |
| Operating temperature                                      | 0 °C to 45 °C<br>(32 °F to 113 °F)                                                | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                            | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                            | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                               | -30 °C to 55 °C<br>(-22 °F to 131 °F)                                               | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                | -30 °C to 55 °C<br>(-22 °F to 131 °F)                                                    |
| Outdoor ready<br>approvals                                 | -                                                                                 | -                                                                                               | -                                                                                               | -                                                                                  | IP66/IP67                                                                           | -                                                                                   | -                                                                                   | -                                                                                   | IP66/IP67                                                                                |
| WDR                                                        | Forensic WDR                                                                      | Forensic WDR                                                                                    | Forensic WDR                                                                                    | Forensic WDR                                                                       | -                                                                                   | Forensic WDR                                                                        | Forensic WDR                                                                        | Forensic WDR                                                                        | -                                                                                        |
| Lightfinder                                                | -                                                                                 | -                                                                                               | -                                                                                               | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                        |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / -                                                                         | ✓ / ✓ / -                                                                                       | ✓ / ✓ / -                                                                                       | - / - / -                                                                          | - / - / -                                                                           | - / - / -                                                                           | - / - / -                                                                           | - / - / -                                                                           | - / - / -                                                                                |
| OptimizedIR/Built-in IR                                    | - / -                                                                             | - / -                                                                                           | - / -                                                                                           | - / -                                                                              | - / -                                                                               | - / ✓                                                                               | - / -                                                                               | - / -                                                                               | - / -                                                                                    |
| Special features                                           | Supports 4 sensor units<br>2x memory card slots<br>HDMI™<br>Quad view             | Supports 1 sensor unit<br>Memory card slot<br>HDMI™<br>Axis Edge Vault                          | Barebone<br>Supports 1 sensor unit<br>Memory card slot<br>HDMI™<br>Axis Edge Vault              | Varifocal lens                                                                     | -                                                                                   | Standard lens                                                                       | Pinhole lens                                                                        | Standard lens                                                                       | -                                                                                        |

1. For use with AXIS FA Main Unit

# Axis modular cameras

13

|                                                            | AXIS P12 Series                                                                                                     |                                                                                                                     |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                            | AXIS P1290-E                                                                                                        | AXIS P1280-E                                                                                                        | AXIS P1275                                                                        | AXIS P1265                                                                        | AXIS P1264                                                                         | AXIS P1254                                                                          | AXIS P1245                                                                          | AXIS P1244                                                                          | AXIS P1224-E                                                                        | AXIS P1214                                                                          | AXIS P1214-E                                                                        |
|                                                            |                                    |                                    |  |  |  |  |  |  |  |  |  |
| Max. video resolution                                      | 208x156                                                                                                             | 208x156                                                                                                             | 1920x1080 (2.1 MP)                                                                | 1920x1080 (2.1 MP)                                                                | 1280x720 (1 MP)                                                                    | 1280x720 (1 MP)                                                                     | 1920x1080 (2.1 MP)                                                                  | 1280x720 (1 MP)                                                                     | 1280x720 (1 MP)                                                                     | 1280x720 (1 MP)                                                                     | 1280x720 (1 MP)                                                                     |
| Sensor size/Lens/<br>Horizontal field of view              | Uncooled<br>microbolometer<br>Athermalized lens<br>4 mm, F1.2, 35.4°                                                | Uncooled<br>microbolometer<br>Athermalized lens<br>4 mm, F1.2, 35.4°                                                | 1/2.9",<br>2.8 - 6 mm, F2.0,<br>99° - 53°                                         | 1/2.9",<br>3.7 mm, F2.5,<br>91°                                                   | 1/4",<br>3.7 mm, F2.5,<br>57°                                                      | 1/4",<br>2.1 mm, F2.2,<br>102°                                                      | 1/2.9",<br>2.8 mm, F2.0,<br>111°                                                    | 1/4",<br>2.1 mm, F2.2,<br>102°                                                      | 1/4",<br>1.56 mm, F2.8,<br>145°                                                     | 1/4",<br>3.7 mm, F2.5,<br>57°                                                       | 1/4",<br>2.8 mm, F2.0,<br>81°                                                       |
| Day and night                                              | -                                                                                                                   | -                                                                                                                   | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
| Min. illumination (lux)<br>Color/B&W                       | -                                                                                                                   | -                                                                                                                   | 0.22/-                                                                            | 0.27/-                                                                            | 0.5/-                                                                              | 0.4/-                                                                               | 0.22/-                                                                              | 0.4/-                                                                               | 1.8/-                                                                               | 1.2/-                                                                               | 1.0/-                                                                               |
| Max. frames per second                                     | 8.3                                                                                                                 | 8.3                                                                                                                 | 25/30                                                                             | 25/30                                                                             | 25/30                                                                              | 25/30                                                                               | 25/30                                                                               | 25/30                                                                               | 25/30                                                                               | 25/30                                                                               | 25/30                                                                               |
| Sensitivity                                                | NETD < 100 mK                                                                                                       | NETD < 100 mK                                                                                                       | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
| Detection range<br>(m/yd.)                                 | 166/182 <sup>1</sup><br>511/559 <sup>2</sup>                                                                        | 166/182 <sup>1</sup><br>511/559 <sup>2</sup>                                                                        | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
| Audio support/<br>Built-in mic                             | - / -                                                                                                               | - / -                                                                                                               | - / -                                                                             | - / -                                                                             | - / -                                                                              | - / -                                                                               | - / -                                                                               | - / -                                                                               | - / -                                                                               | - / -                                                                               | - / -                                                                               |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Guard Suite<br>AXIS Video Motion<br>Detection                                                                  | AXIS Guard Suite<br>AXIS Video Motion<br>Detection                                                                  | AXIS Video Motion<br>Detection,<br>Active tampering alarm                         | AXIS Video Motion<br>Detection,<br>Active tampering alarm                         | AXIS Video Motion<br>Detection,<br>Active tampering alarm                          | AXIS Video Motion<br>Detection,<br>Active tampering alarm                           | AXIS Video Motion<br>Detection,<br>Active tampering alarm                           | AXIS Video Motion<br>Detection,<br>Active tampering alarm                           | AXIS Video Motion<br>Detection,<br>Active tampering alarm                           | AXIS Video Motion<br>Detection,<br>Active tampering alarm                           | AXIS Video Motion<br>Detection,<br>Active tampering alarm                           |
| Power                                                      | PoE Class 2                                                                                                         | PoE Class 2                                                                                                         | PoE Class 2                                                                       | PoE Class 2                                                                       | PoE Class 2                                                                        | PoE Class 2                                                                         | PoE Class 2                                                                         | PoE Class 2                                                                         | PoE Class 2, DC                                                                     | PoE Class 2, DC                                                                     | PoE Class 2, DC                                                                     |
| In-/output ports                                           | -                                                                                                                   | -                                                                                                                   | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | 1/1                                                                                 | 1/1                                                                                 | 1/1                                                                                 |
| Operating<br>temperature                                   | Main unit:<br>-20 °C to 50 °C<br>(-4 °F to 122 °F)<br>Thermal sensor unit:<br>-30 °C to 55 °C<br>(-22 °F to 131 °F) | Main unit:<br>-20 °C to 50 °C<br>(-4 °F to 122 °F)<br>Thermal sensor unit:<br>-30 °C to 55 °C<br>(-22 °F to 131 °F) | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                              | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                              | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                               | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                |
| Outdoor ready<br>approvals                                 | IP66/IP67                                                                                                           | IP66/IP67                                                                                                           | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | IP66/NEMA 4X                                                                        | -                                                                                   | IP66/NEMA 4X                                                                        |
| WDR                                                        | -                                                                                                                   | -                                                                                                                   | Forensic Capture                                                                  | Forensic Capture                                                                  | WDR                                                                                | WDR                                                                                 | Forensic Capture                                                                    | WDR                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   |
| Lightfinder                                                | -                                                                                                                   | -                                                                                                                   | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / -                                                                                                           | ✓ / ✓ / -                                                                                                           | ✓ / ✓ / -                                                                         | ✓ / ✓ / -                                                                         | ✓ / ✓ / -                                                                          | ✓ / ✓ / -                                                                           | ✓ / ✓ / -                                                                           | ✓ / ✓ / -                                                                           | - / ✓ / -                                                                           | - / ✓ / -                                                                           | - / ✓ / -                                                                           |
| OptimizedIR/Built-in IR                                    | - / -                                                                                                               | - / -                                                                                                               | - / -                                                                             | - / -                                                                             | - / -                                                                              | - / -                                                                               | - / -                                                                               | - / -                                                                               | - / -                                                                               | - / -                                                                               | - / -                                                                               |
| Special features                                           | Thermal palettes                                                                                                    | Thermal palettes                                                                                                    | Varifocal lens                                                                    | Pinhole lens                                                                      | Pinhole lens                                                                       | Standard lens                                                                       | Standard lens                                                                       | Standard lens                                                                       | Standard lens                                                                       | Pinhole lens                                                                        | Pinhole lens                                                                        |

1. Detection range measured for humans, 1.8 x 0.5 m, calculated with Johnson's criteria

2. Detection range measured for vehicles, 4 x 1.5 m, calculated with Johnson's criteria

## Axis fixed dome cameras

|                                                            | AXIS Q92 Series                                                                                     | AXIS Q38                                                                                            | AXIS Q35 Series                                                                                                                                                                            |                                                                                                                                                                                            |                                                                                                             |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
|                                                            | AXIS Q9216-SLV<br> | AXIS Q3819-PVE<br> | AXIS Q3538-LVE<br>                                                                                      | AXIS Q3536-LVE<br>                                                                                      | AXIS Q3517-SLVE<br>      |
| Max. video resolution                                      | 2304x1728 (4 MP)                                                                                    | 8192x1728 (14 MP)                                                                                   | 3840x2160 (8.3 MP)                                                                                                                                                                         | 2688x1512 (4.1 MP)                                                                                                                                                                         | 3072x2048 (6.3 MP)                                                                                          |
| Sensor size/Lens/<br>Horizontal field of view              | 1/2.5",<br>2.4 mm, F2.0,<br>125°                                                                    | 1/2.5",<br>5.9 mm, F1.88<br>180°                                                                    | 1/1.2",<br>6.2–12.9 mm, F1.6–2.9<br>103°–49°                                                                                                                                               | 9 mm: 1/1.8", 4.3–8.6 mm, F1.5–2.4, 103°–53°<br>29 mm: 1/1.8", 11.3–29.4 mm, F1, 40°–15°                                                                                                   | 1/1.8",<br>4.3 – 8.6 mm, F1.5,<br>96° – 50°                                                                 |
| Day and night                                              | ✓                                                                                                   | ✓                                                                                                   | ✓                                                                                                                                                                                          | ✓                                                                                                                                                                                          | ✓                                                                                                           |
| Min. illumination (lux)<br>Color/B&W                       | 0.23/0.05                                                                                           | 0.016/0.06                                                                                          | 0.07/0.00                                                                                                                                                                                  | 9 mm: 0.06/0.00<br>29 mm: 0.08/0.00                                                                                                                                                        | 0.12/0.00                                                                                                   |
| Max. frames per second                                     | 25/30                                                                                               | 25/30                                                                                               | 50/60                                                                                                                                                                                      | 50/60                                                                                                                                                                                      | 50/60                                                                                                       |
| Audio support/<br>Built-in mic                             | ✓ / ✓                                                                                               | ✓ / -                                                                                               | ✓ / -                                                                                                                                                                                      | ✓ / -                                                                                                                                                                                      | ✓ / -                                                                                                       |
| Compute capabilities                                       | -                                                                                                   | -                                                                                                   | Deep learning processing unit                                                                                                                                                              | Deep learning processing unit                                                                                                                                                              | -                                                                                                           |
| Included analytics<br>(for Axis analytics,<br>see page 43) | Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm                            | AXIS Object Analytics<br>AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm  | AXIS Object Analytics<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                          | AXIS Object Analytics<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                          | AXIS Guard Suite<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm                |
| Power                                                      | PoE Class 3                                                                                         | PoE Class 4                                                                                         | PoE Class 4, DC                                                                                                                                                                            | PoE Class 4, DC                                                                                                                                                                            | PoE Class 3, DC                                                                                             |
| In-/output ports                                           | 1/1                                                                                                 | 1                                                                                                   | 2                                                                                                                                                                                          | 2                                                                                                                                                                                          | 2                                                                                                           |
| Operating temperature                                      | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                                | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                               | -50 °C to 60 °C<br>(-58 °F to 140 °F)                                                                                                                                                      | -50 °C to 60 °C<br>(-58 °F to 140 °F)                                                                                                                                                      | -50 °C to 55 °C<br>(-58 °F to 131 °F)                                                                       |
| Outdoor ready approvals                                    | IP66/ IP6K9K/NEMA 4X                                                                                | IP66/NEMA 4X                                                                                        | IP66/NEMA 4X                                                                                                                                                                               | IP66/NEMA 4X                                                                                                                                                                               | IP66/IP67/NEMA 4X                                                                                           |
| WDR                                                        | WDR                                                                                                 | Forensic WDR                                                                                        | Forensic WDR                                                                                                                                                                               | Forensic WDR                                                                                                                                                                               | Forensic WDR                                                                                                |
| Lightfinder                                                | -                                                                                                   | Lightfinder 2.0                                                                                     | Lightfinder 2.0                                                                                                                                                                            | Lightfinder 2.0                                                                                                                                                                            | ✓                                                                                                           |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                                           | ✓ / ✓ / ✓                                                                                           | ✓ / ✓ / ✓                                                                                                                                                                                  | ✓ / ✓ / ✓                                                                                                                                                                                  | ✓ / ✓ / -                                                                                                   |
| Optimized IR/Built-in IR                                   | - / ✓                                                                                               | - / -                                                                                               | ✓ / ✓                                                                                                                                                                                      | ✓ / ✓                                                                                                                                                                                      | ✓ / ✓                                                                                                       |
| Special features                                           | Anti-ligature,<br>K10+<br>Stainless steel<br>Polygonal privacy masking<br>Shock detection           | Axis Edge Vault<br>1 IP address<br>IK10<br>Vertical FoV 38<br>Pan/Tilt/Roll motors                  | Axis Edge Vault, Signed video, Secure boot,<br>FIPS 140-2 certified TPM 2.0 module,<br>Electronic image stabilization,<br>Defogging, IK10+,<br>IP6K9K, Shock detection,<br>Aluminum casing | Axis Edge Vault, Signed video, Secure boot,<br>FIPS 140-2 certified TPM 2.0 module,<br>Electronic image stabilization,<br>Defogging, IK10+,<br>IP6K9K, Shock detection,<br>Aluminum casing | Electronic image stabilization<br>Defogging<br>IK10+<br>IP6K9K<br>Shock detection<br>Stainless steel casing |

## Axis fixed dome cameras

|                                                            | AXIS P91 Series                                                                                   |                                                                                                                                                                               | AXIS P39 Series                                                                                                                                                               |                                                                                                                                                                      |                                                                                                           |                                                                                                           |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|                                                            | AXIS P9106-V<br> | AXIS P3935-LR<br>                                                                            | AXIS P3925-R<br>                                                                            | AXIS P3925-LRE<br>                                                                | AXIS P3905-R Mk II<br> | AXIS P3904-R Mk II<br> |
| Max. video resolution                                      | 4:3 ratio: 2016x1512 (3MP)                                                                        | 1920x1080 (2.1 MP)                                                                                                                                                            | 1920x1080 (2.1 MP)                                                                                                                                                            | 1920x1080 (2.1 MP)                                                                                                                                                   | 1920x1080 (2.1 MP)                                                                                        | 1280x720 (1 MP)                                                                                           |
| Sensor size/Lens/<br>Horizontal field of view              | 1/3",<br>1.8 mm, F2.4, 130°                                                                       | 1/2.9",<br>2.8 mm, F1.6, 110°                                                                                                                                                 | 1/2.9",<br>2.8 mm, F1.6, 110°                                                                                                                                                 | 1/2.9",<br>6.0 mm, F1.9, 56°                                                                                                                                         | 1/2.9",<br>3.6 mm, F2.0, 87°                                                                              | 1/2.9",<br>3.6 mm, F2.0, 87°                                                                              |
| Day and night                                              | -                                                                                                 | ✓                                                                                                                                                                             | ✓                                                                                                                                                                             | ✓                                                                                                                                                                    | -                                                                                                         | -                                                                                                         |
| Min. illumination (lux)<br>Color/B&W                       | 0.35/-                                                                                            | 0.06/0.01                                                                                                                                                                     | 0.06/0.01                                                                                                                                                                     | 0.07/0.02                                                                                                                                                            | 0.06/-                                                                                                    | 0.06/-                                                                                                    |
| Max. frames per second                                     | 25/30                                                                                             | 25/30                                                                                                                                                                         | 25/30                                                                                                                                                                         | 25/30                                                                                                                                                                | 25/30                                                                                                     | 25/30                                                                                                     |
| Audio support/<br>Built-in mic                             | - / -                                                                                             | ✓ / ✓                                                                                                                                                                         | - / -                                                                                                                                                                         | - / -                                                                                                                                                                | - / -                                                                                                     | - / -                                                                                                     |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                         | AXIS Guard Suite<br>Blocked view detection<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm                                                        | AXIS Guard Suite<br>Blocked view detection<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                           | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Shock detection                                                                                                   | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                 | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                 |
| Power                                                      | PoE Class 1                                                                                       | PoE Class 3                                                                                                                                                                   | PoE Class 2                                                                                                                                                                   | PoE Class 3                                                                                                                                                          | PoE Class 2                                                                                               | PoE Class 2                                                                                               |
| In-/output ports                                           | -                                                                                                 | 1/1                                                                                                                                                                           | -                                                                                                                                                                             | -                                                                                                                                                                    | -                                                                                                         | -                                                                                                         |
| Operating temperature                                      | -15 °C to 50 °C<br>(5 °F to 122 °F)                                                               | Normal: -40 °C to 55 °C<br>(-40 °F to 131 °F)<br>Maximum (intermittent):<br>70 °C (158 °F)                                                                                    | Normal: -40 °C to 55 °C<br>(-40 °F to 131 °F)<br>Maximum (intermittent):<br>70 °C (158 °F)                                                                                    | Normal: -40 °C to 55 °C (-40 °F to 131 °F)<br>Maximum (intermittent): 70 °C (158 °F)                                                                                 | Normal: -40 °C to 60 °C<br>(-40 °F to 140 °F)<br>Maximum (intermittent):<br>70 °C (158 °F)                | Normal: -40 °C to 60 °C<br>(-40 °F to 140 °F)<br>Maximum (intermittent):<br>70 °C (158 °F)                |
| Outdoor ready approvals                                    | IP66                                                                                              | IP66/IP67/NEMA 4X                                                                                                                                                             | IP66/IP67/NEMA 4X                                                                                                                                                             | IP66/IP67/IP6K9K/NEMA 4X                                                                                                                                             | IP66/IP67/NEMA 4X                                                                                         | IP66/IP67/NEMA 4X                                                                                         |
| WDR                                                        | WDR                                                                                               | Forensic WDR                                                                                                                                                                  | Forensic WDR                                                                                                                                                                  | Forensic WDR                                                                                                                                                         | Forensic Capture                                                                                          | Forensic Capture                                                                                          |
| Lightfinder                                                | -                                                                                                 | ✓                                                                                                                                                                             | ✓                                                                                                                                                                             | ✓                                                                                                                                                                    | ✓                                                                                                         | ✓                                                                                                         |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / -                                                                                         | ✓ / ✓ / ✓                                                                                                                                                                     | ✓ / ✓ / ✓                                                                                                                                                                     | ✓ / ✓ / ✓                                                                                                                                                            | ✓ / ✓ / -                                                                                                 | ✓ / ✓ / -                                                                                                 |
| Optimized IR/Built-in IR                                   | - / -                                                                                             | - / ✓                                                                                                                                                                         | - / -                                                                                                                                                                         | - / ✓                                                                                                                                                                | - / -                                                                                                     | - / -                                                                                                     |
| Special features                                           | PoE over 2-wire<br>IK10<br>Anti-ligature                                                          | EN50155, EN45545, and NFPA 130<br>compliance<br>Electronic Image Stabilization<br>Shock detection<br>45 fps in 720p<br>IK10<br>Secure boot<br>Suited for onboard surveillance | EN50155, EN45545, and NFPA 130<br>compliance<br>Electronic Image Stabilization<br>Shock detection<br>45 fps in 720p<br>IK10<br>Secure boot<br>Suited for onboard surveillance | EN50155, EN45545 compliance<br>Electronic Image Stabilization<br>Shock detection<br>45 fps in 720p<br>IK10+<br>Secure boot<br>Suited for exterior onboard monitoring | EN50155 compliance<br>IK08<br>Suited for onboard surveillance                                             | EN50155 compliance<br>IK08<br>Suited for onboard surveillance                                             |

## Axis fixed dome cameras

|                                                            | AXIS P38 Series                                                                   |                                                                                   | AXIS P37 Series                                                                                                     |                                                                                                                     |                                                                                                       |
|------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
|                                                            | AXOS P3818-PVE                                                                    | AXIS P3807-PVE                                                                    | AXIS P3727-PLE                                                                                                      | AXIS P3719-PLE                                                                                                      | AXIS P3715-PLVE                                                                                       |
|                                                            |  |  |                                  |                                  |                    |
| Max. video resolution                                      | 5120 x2560                                                                        | 4 x 1920x1080 (8.3 MP)                                                            | 4x 1920x1080                                                                                                        | 4x 2560x1440 (15 MP)                                                                                                | 2x 1920x1080p (2x2 MP)                                                                                |
| Sensor size/Lens/<br>Horizontal field of view              | 1/2.8",<br>3.2 mm, F2.0<br>180°                                                   | 4 x 1/2.9",<br>3.2 mm, F2.0,<br>180°                                              | 1/2.8",<br>3.2mm, F2.0<br>180°                                                                                      | 4 x 1/2.5",<br>3–6 mm, F1.8–2.6,<br>4x 101° – 49°                                                                   | 2 x 1/2.8"3 – 6 mm,<br>F1.8 –2.6,<br>95° – 48°                                                        |
| Day and night                                              | ✓                                                                                 | ✓                                                                                 | ✓                                                                                                                   | ✓                                                                                                                   | ✓                                                                                                     |
| Min. illumination (lux)<br>Color/B&W                       | 0.15/0.06                                                                         | 0.17/0.005                                                                        | 0.17/0.00                                                                                                           | 0.2/0.00                                                                                                            | 0.17/0.00                                                                                             |
| Max. frames per second                                     | 25/30                                                                             | 25/30                                                                             | 25/30                                                                                                               | 25/30                                                                                                               | 25/30                                                                                                 |
| Audio support/<br>Built-in mic                             | ✓ / -                                                                             | - / -                                                                             | ✓ (T61)/-                                                                                                           | - / -                                                                                                               | - / -                                                                                                 |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm         | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm         | Axis Object Analytics (1ch)<br>AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm            | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                           | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                             |
| Power                                                      | Poe Class 4                                                                       | Poe Class 3                                                                       | Poe Class 4                                                                                                         | PoE Class 3 w/o IR<br>PoE Class 4 w IR                                                                              |                                                                                                       |
| In-/output ports                                           | 1                                                                                 | -                                                                                 | -                                                                                                                   | -                                                                                                                   | -                                                                                                     |
| Operating temperature                                      | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                             | -30 °C to 50 °C<br>(-22 °F to 122 °F)                                             | -30 °C to 50 °C<br>(-22 °F to 122 °F)                                                                               | -30 °C to 50 °C<br>(-22 °F to 122 °F)                                                                               | -30 °C to 50 °C<br>(-22 °F to 122 °F)                                                                 |
| Outdoor ready<br>approvals                                 | IP66/67/NEMA 4X                                                                   | IP66/IP67/NEMA 4X                                                                 | IP66/IP67/NEMA 4X                                                                                                   | IP66/IP67/NEMA4X                                                                                                    | IP66/IP67/NEMA4X                                                                                      |
| WDR                                                        | Forensic WDR                                                                      | Forensic WDR                                                                      | Forensic WDR                                                                                                        | WDR                                                                                                                 | Forensic WD                                                                                           |
| Lightfinder                                                | 2.0                                                                               | ✓                                                                                 | ✓                                                                                                                   | ✓                                                                                                                   | ✓                                                                                                     |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                         | ✓ / ✓ / -                                                                         | ✓ / ✓ / ✓                                                                                                           | ✓ / ✓ / ✓                                                                                                           | ✓ / ✓ / -                                                                                             |
| OptimizedIR/Built-in IR                                    | - / -                                                                             | - / -                                                                             | ✓ / ✓                                                                                                               | - / ✓                                                                                                               | - / ✓                                                                                                 |
| Special features                                           | 1 IP address<br>IK10<br>Vertical FoV 90                                           | 1 IP address<br>IK10<br>Vertical FoV 90                                           | 1 IP address<br>IK09<br>Remote zoom & focus<br>2 SD card slots<br>Quad view<br>Individually controllable<br>IR LEDs | 1 IP address<br>IK09<br>Remote zoom & focus<br>2 SD card slots<br>Quad view<br>Individually controllable<br>IR LEDs | 1 IP address<br>IK10<br>Remote zoom & focus<br>1 SD card slot<br>Individually controllable<br>IR LEDs |

## Axis fixed dome cameras

| AXIS P32 Series                                            |                                                                                                     |                                                                                                    |                                                                                                   |                                                                                                     |                                                                                                      |                                                                                                       |                                                                                                      |                                                                                                       |                                                                                                                                       |                                                                                                       |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
|                                                            | AXIS P3265-LVE<br> | AXIS P3265-LV<br> | AXIS P3265-V<br> | AXIS P3255-LVE<br> | AXIS P3268-LV<br> | AXIS P3268-LVE<br> | AXIS P3267-LV<br> | AXIS P3267-LVE<br> | AXIS P3245-LVE-3<br>Licence Plate Verifier Kit<br> | AXIS P3245-LVE<br> |
| Max. video resolution                                      | 1920x1080 (2.1 MP)                                                                                  | 1920x1080 (2.1 MP)                                                                                 | 1920x1080 (2.1 MP)                                                                                | 1920x1080 (2.1 MP)                                                                                  | 3840x2160 (8.3 MP)                                                                                   | 3840x2160 (8.3 MP)                                                                                    | 2592x1944 (5 MP)                                                                                     | 2592x1944 (5 MP)                                                                                      | 1920x1080 (2.1 MP)                                                                                                                    | 1920x1080 (2.1 MP)                                                                                    |
| Sensor size/Lens/<br>Horizontal field of view              | 9 mm: 1/2.8", 3.4–8.9 mm,<br>F1.8, 100°–36°<br>22 mm: 1/2.8", 9–22 mm,<br>F1.6, 35°–15°             | 1/2.8",<br>3.4–8.9 mm, F1.8,<br>100°–36°                                                           | 1/2.8",<br>3.4–8.9 mm, F1.8,<br>100°–36°                                                          | 1/2.8",<br>3.4–8.9 mm, F1.8,<br>100°–36°                                                            | 1/1.8",<br>4.3–8.6 mm, F1.5,<br>100°–53°                                                             | 1/1.8",<br>4.3–8.6 mm, F1.5,<br>100°–53°                                                              | 1/2.7",<br>3–8 mm, F1.3,<br>104°–40°                                                                 | 1/2.7",<br>3–8 mm, F1.3,<br>104°–40°                                                                  | 1/2.8",<br>3.4–8.9 mm, F1.8,<br>100°–36°                                                                                              | 22 mm: 1/2.8", 9–22 mm,<br>F1.6, 35°–15°                                                              |
| Day and night                                              | ✓                                                                                                   | ✓                                                                                                  | ✓                                                                                                 | ✓                                                                                                   | ✓                                                                                                    | ✓                                                                                                     | ✓                                                                                                    | ✓                                                                                                     | ✓                                                                                                                                     | ✓                                                                                                     |
| Min. illumination (lux)<br>Color/ B&W                      | 0.1/0.00                                                                                            | 0.1/0.00                                                                                           | 0.1/0.02                                                                                          | 0.1/0.00                                                                                            | 0.14/0.00                                                                                            | 0.14/0.00                                                                                             | 0.13/0.00                                                                                            | 0.13/0.00                                                                                             | 0.1/0.00                                                                                                                              | 0.1/0.00                                                                                              |
| Max. frames per second                                     | 50/60                                                                                               | 50/60                                                                                              | 50/60                                                                                             | 50/60                                                                                               | 25/30                                                                                                | 25/30                                                                                                 | 25/30                                                                                                | 25/30                                                                                                 | 50/60                                                                                                                                 | 50/60                                                                                                 |
| Audio support/<br>Built-in mic                             | ✓ / -                                                                                               | ✓ / -                                                                                              | ✓ / -                                                                                             | ✓ / -                                                                                               | ✓ / -                                                                                                | ✓ / -                                                                                                 | ✓ / -                                                                                                | ✓ / -                                                                                                 | ✓ / -                                                                                                                                 | ✓ / -                                                                                                 |
| Compute capabilities                                       | Deep learning<br>processing unit                                                                    | Deep learning<br>processing unit                                                                   | Deep learning<br>processing unit                                                                  | Deep learning<br>processing unit                                                                    | Deep learning<br>processing unit                                                                     | Deep learning<br>processing unit                                                                      | Deep learning<br>processing unit                                                                     | Deep learning<br>processing unit                                                                      | Machine learning<br>processing unit                                                                                                   | Machine learning<br>processing unit                                                                   |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Object Analytics<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm   | AXIS Object Analytics<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm  | AXIS Object Analytics<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS Object Analytics<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm   | AXIS Object Analytics<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm    | AXIS Object Analytics<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm     | AXIS Object Analytics<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm    | AXIS Object Analytics<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm     | AXIS License Plate Verifier<br>Audio detection<br>AXIS Guard Suite<br>Audio detection<br>Active tampering alarm                       | AXIS Object Analytics<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm     |
| Power                                                      | PoE Class 3                                                                                         | PoE Class 3                                                                                        | PoE Class 2                                                                                       | PoE Class 4                                                                                         | PoE Class 3                                                                                          | PoE Class 3                                                                                           | PoE Class 3                                                                                          | PoE Class 3                                                                                           | PoE Class 3                                                                                                                           | PoE Class 3                                                                                           |
| In-/output ports                                           | 1/1                                                                                                 | 1/1                                                                                                | 1/1                                                                                               | 1/1                                                                                                 | 1/1                                                                                                  | 1/1                                                                                                   | 1/1                                                                                                  | 1/1                                                                                                   | 1/1                                                                                                                                   | 1/1                                                                                                   |
| Operating temperature                                      | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                               | 0 °C to 50 °C<br>(32 °F to 122 °F)                                                                 | 0 °C to 50 °C<br>(32 °F to 122 °F)                                                                | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                               | 0 °C to 50 °C<br>(32 °F to 122 °F)                                                                   | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                                 | 0 °C to 50 °C<br>(32 °F to 122 °F)                                                                   | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                                 | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                                                                 | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                                 |
| Outdoor ready approvals                                    | IP66/NEMA 4X                                                                                        | -                                                                                                  | -                                                                                                 | IP66/NEMA 4X                                                                                        | -                                                                                                    | IP66/NEMA 4X                                                                                          | -                                                                                                    | IP66/NEMA 4X                                                                                          | IP66/NEMA 4X                                                                                                                          | IP66/NEMA 4X                                                                                          |
| WDR                                                        | Forensic WDR                                                                                        | Forensic WDR                                                                                       | Forensic WDR                                                                                      | Forensic WDR                                                                                        | Forensic WDR                                                                                         | Forensic WDR                                                                                          | Forensic WDR                                                                                         | Forensic WDR                                                                                          | Forensic WDR                                                                                                                          | Forensic WDR                                                                                          |
| Lightfinder                                                | Lightfinder 2.0                                                                                     | Lightfinder 2.0                                                                                    | Lightfinder 2.0                                                                                   | Lightfinder 2.0                                                                                     | Lightfinder 2.0                                                                                      | Lightfinder 2.0                                                                                       | Lightfinder 2.0                                                                                      | Lightfinder 2.0                                                                                       | Lightfinder 2.0                                                                                                                       | Lightfinder 2.0                                                                                       |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                                           | ✓ / ✓ / ✓                                                                                          | ✓ / ✓ / ✓                                                                                         | ✓ / ✓ / ✓                                                                                           | ✓ / ✓ / ✓                                                                                            | ✓ / ✓ / ✓                                                                                             | ✓ / ✓ / ✓                                                                                            | ✓ / ✓ / ✓                                                                                             | ✓ / ✓ / ✓                                                                                                                             | ✓ / ✓ / ✓                                                                                             |
| OptimizedIR/ Built-in IR                                   | ✓ / ✓                                                                                               | ✓ / ✓                                                                                              | - / -                                                                                             | ✓ / ✓                                                                                               | ✓ / ✓                                                                                                | ✓ / ✓                                                                                                 | ✓ / ✓                                                                                                | ✓ / ✓                                                                                                 | ✓ / ✓                                                                                                                                 | ✓ / ✓                                                                                                 |
| Special features                                           | IK10<br>Secure boot<br>Axis Edge Vault                                                              | IK10<br>Secure boot<br>Axis Edge Vault                                                             | IK10<br>Secure boot<br>Axis Edge Vault                                                            | IK10<br>Secure boot<br>Axis Edge Vault                                                              | IK10<br>Secure boot<br>Axis Edge Vault                                                               | IK10<br>Secure boot<br>Axis Edge Vault                                                                | IK10<br>Secure boot<br>Axis Edge Vault                                                               | IK10<br>Secure boot<br>Axis Edge Vault                                                                | IK10<br>Secure boot                                                                                                                   | IK10<br>Secure boot                                                                                   |

## Axis fixed dome cameras

|                                                            | AXIS M43                                                                                            | AXIS M42 Series                                                                                      |                                                                                                      | AXIS M32 Series                                                                                       |                                                                                                       | AXIS M31 Series                                                                                       |                                                                                                       |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
|                                                            | AXIS M4308-PLE<br> | AXIS M4216-V<br>    | AXIS M4216-LV<br>  | AXIS M3206-LVE<br> | AXIS M3205-LVE<br> | AXIS M3116-LVE<br> | AXIS M3115-LVE<br> |
| Max. video resolution                                      | 3584x2688 (12 MP)                                                                                   | 2304x1728 (4 MP)                                                                                     | 2304x1728 (4 MP)                                                                                     | 2304x1728 (4 MP)                                                                                      | 1920x1080 (2.1 MP)                                                                                    | 2688x1512 (4.1 MP)                                                                                    | 1920x1080 (2.1 MP)                                                                                    |
| Sensor size/Lens/<br>Horizontal field of view              | 1/1.7",<br>1.3 mm, F2.4<br>183°                                                                     | 1/2.7", 3–6 mm,<br>F1.9 – 2.7<br>100°–45°                                                            | 1/2.7", 3–6 mm,<br>F1.9 – 2.7<br>100°–45°                                                            | 1/2.5",<br>2.9 mm, F2.0,<br>105°                                                                      | 1/2.9",<br>3.1 mm, F2.0,<br>100°                                                                      | 1/2.7",<br>2.4 mm, F2.1,<br>130°                                                                      | 1/2.9",<br>2.8 mm, F2.0,<br>105°                                                                      |
| Day and night                                              | ✓                                                                                                   | ✓                                                                                                    | ✓                                                                                                    | ✓                                                                                                     | ✓                                                                                                     | ✓                                                                                                     | ✓                                                                                                     |
| Min. illumination (lux)<br>Color/B&W                       | 0.19/0.04                                                                                           | 0.18/0.03                                                                                            | 0.18/0.00                                                                                            | 0.22/0.00                                                                                             | 0.2/0.00                                                                                              | 0.19/0.00                                                                                             | 0.17/0.00                                                                                             |
| Max.frames per second                                      | 25/30                                                                                               | 25/30                                                                                                | 25/30                                                                                                | 25/30                                                                                                 | 25/30                                                                                                 | 25/30                                                                                                 | 25/30                                                                                                 |
| Audio support/<br>Built-in mic                             | ✓ / ✓                                                                                               | - / -                                                                                                | - / -                                                                                                | - / -                                                                                                 | - / -                                                                                                 | - / -                                                                                                 | - / -                                                                                                 |
| Compute capabilities                                       | Deep learning processing unit                                                                       | Deep learning processing unit                                                                        | Deep learning processing unit                                                                        | -                                                                                                     | -                                                                                                     | -                                                                                                     | -                                                                                                     |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Object Analytics<br>AXIS Video Motion Detection<br>Active tampering alarm<br>Audio detection   | AXIS Object Analytics<br>AXIS Video Motion Detection<br>AXIS Face Detector<br>Active tampering alarm | AXIS Object Analytics<br>AXIS Video Motion Detection<br>AXIS Face Detector<br>Active tampering alarm | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                             | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                             | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                             | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                             |
| Power                                                      | PoE Class 4                                                                                         | PoE Class 2                                                                                          | PoE Class 3                                                                                          | PoE Class 3                                                                                           | PoE Class 3                                                                                           | PoE Class 3                                                                                           | PoE Class 3                                                                                           |
| In-/output ports                                           | 1                                                                                                   | -                                                                                                    | -                                                                                                    | 1/1                                                                                                   | 1/1                                                                                                   | -                                                                                                     | -                                                                                                     |
| Operating temperature                                      | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                               | 0 °C to 45 °C<br>(32 °F to 113 °F)                                                                   | 0 °C to 45 °C<br>(32 °F to 113 °F)                                                                   | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                                 | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                                 | -30 °C to 50 °C<br>(-22 °F to 122 °F)                                                                 | -30 °C to 50 °C<br>(-22 °F to 122 °F)                                                                 |
| Outdoor ready<br>approvals                                 | IP66-, NEMA 250 Type 4X,<br>NEMA TS 2 (2.2.7-2.2.9)                                                 | -                                                                                                    | -                                                                                                    | IP66/NEMA 4X                                                                                          | IP66/NEMA 4X                                                                                          | IP66/NEMA 4X                                                                                          | IP66/NEMA 4X                                                                                          |
| WDR                                                        | Forensic WDR                                                                                        | WDR                                                                                                  | WDR                                                                                                  | WDR                                                                                                   | WDR                                                                                                   | Forensic WDR                                                                                          | Forensic WDR                                                                                          |
| Lightfinder                                                | ✓                                                                                                   | ✓                                                                                                    | ✓                                                                                                    | -                                                                                                     | -                                                                                                     | ✓                                                                                                     | ✓                                                                                                     |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                                           | ✓ / ✓ / ✓                                                                                            | ✓ / ✓ / ✓                                                                                            | ✓ / ✓ / ✓                                                                                             | ✓ / ✓ / ✓                                                                                             | ✓ / ✓ / ✓                                                                                             | ✓ / ✓ / ✓                                                                                             |
| OptimizedIR/Built-in IR                                    | ✓ / ✓                                                                                               | - / -                                                                                                | ✓ / ✓                                                                                                | - / ✓                                                                                                 | - / ✓                                                                                                 | - / ✓                                                                                                 | - / ✓                                                                                                 |
| Special features                                           | Voice enhancer<br>Dewarped views<br>IK09<br>Secure boot<br>Axis Edge Vault                          | HDMI<br>IK08<br>Secure boot<br>Axis Edge Vault<br>Signed video                                       | HDMI<br>IK08<br>Secure boot<br>Axis Edge Vault<br>Signed video                                       | HDMI<br>IK08                                                                                          | HDMI<br>IK08                                                                                          | IK08<br>Secure boot                                                                                   | IK08<br>Secure boot                                                                                   |

## Axis fixed dome cameras

|                                                            | AXIS M30 Series                                                                                                                         |                                                                                                   |                                                                                                     |                                                                                                                                           |                                                                                                                                           |                                                                                                                                           |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
|                                                            | AXIS M3075-V<br><i>Will be replaced in Q3 2022</i><br> | AXIS M3068-P<br> | AXIS M3067-P<br> | AXIS M3066-V<br><i>Will be replaced in Q3 2022</i><br> | AXIS M3065-V<br><i>Will be replaced in Q3 2022</i><br> | AXIS M3064-V<br><i>Will be replaced in Q3 2022</i><br> |
| Max. video resolution                                      | 1920x1080 (2.1 MP)                                                                                                                      | 2880x2880 (12 MP)                                                                                 | 2016x2016 (6 MP)                                                                                    | 2304x1728 (4 MP)                                                                                                                          | 1920x1080 (2.1 MP)                                                                                                                        | 1280x720 (1 MP)                                                                                                                           |
| Sensor size/Lens/<br>Horizontal field of view              | 1/2.9",<br>3.1 mm, F2.0,<br>102°                                                                                                        | 1/1.7",<br>1.65 mm, F2.8,<br>185°                                                                 | 1/1.8",<br>1.56 mm, F2.0,<br>185°                                                                   | 1/2.5",<br>2.4 mm, F2.1,<br>131°                                                                                                          | 1/2.9",<br>3.1 mm, F2.0,<br>102°                                                                                                          | 1/2.9",<br>3.1 mm, F2.0,<br>83°                                                                                                           |
| Day and night                                              | ✓                                                                                                                                       | ✓                                                                                                 | ✓                                                                                                   | ✓                                                                                                                                         | ✓                                                                                                                                         | ✓                                                                                                                                         |
| Min. illumination (lux)<br>Color/B&W                       | 0.2/0.04                                                                                                                                | 0.32/0.06                                                                                         | 0.18/0.04                                                                                           | 0.23/0.05                                                                                                                                 | 0.2/0.04                                                                                                                                  | 0.2/0.04                                                                                                                                  |
| Max. frames per second                                     | 25/30                                                                                                                                   | 25/30                                                                                             | 50/60                                                                                               | 25/30                                                                                                                                     | 25/30                                                                                                                                     | 25/30                                                                                                                                     |
| Audio support/<br>Built-in mic                             | ✓ / ✓                                                                                                                                   | - / -                                                                                             | - / -                                                                                               | - / -                                                                                                                                     | - / -                                                                                                                                     | - / -                                                                                                                                     |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                                               | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                         | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                           | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                 | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                 | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                 |
| Power                                                      | PoE Class 1                                                                                                                             | PoE Class 2                                                                                       | PoE Class 2                                                                                         | PoE Class 1                                                                                                                               | PoE Class 1                                                                                                                               | PoE Class 1                                                                                                                               |
| In-/output ports                                           | -                                                                                                                                       | -                                                                                                 | -                                                                                                   | -                                                                                                                                         | -                                                                                                                                         | -                                                                                                                                         |
| Operating temperature                                      | 0 °C to 45 °C<br>(32 °F to 113 °F)                                                                                                      | 0 °C to 40 °C<br>(32 °F to 104 °F)                                                                | 0 °C to 40 °C<br>(32 °F to 104 °F)                                                                  | 0 °C to 45 °C<br>(32 °F to 113 °F)                                                                                                        | 0 °C to 45 °C<br>(32 °F to 113 °F)                                                                                                        | 0 °C to 45 °C<br>(32 °F to 113 °F)                                                                                                        |
| Outdoor ready<br>approvals                                 | -                                                                                                                                       | -                                                                                                 | -                                                                                                   | -                                                                                                                                         | -                                                                                                                                         | -                                                                                                                                         |
| WDR                                                        | WDR                                                                                                                                     | Forensic WDR                                                                                      | Forensic WDR                                                                                        | WDR                                                                                                                                       | WDR                                                                                                                                       | WDR                                                                                                                                       |
| Lightfinder                                                | -                                                                                                                                       | -                                                                                                 | ✓                                                                                                   | -                                                                                                                                         | -                                                                                                                                         | -                                                                                                                                         |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                                                                               | ✓ / ✓ / ✓                                                                                         | ✓ / ✓ / ✓                                                                                           | ✓ / ✓ / ✓                                                                                                                                 | ✓ / ✓ / ✓                                                                                                                                 | ✓ / ✓ / ✓                                                                                                                                 |
| OptimizedIR/<br>Built-in IR                                | -/-                                                                                                                                     | -/-                                                                                               | -/-                                                                                                 | -/-                                                                                                                                       | -/-                                                                                                                                       | -/-                                                                                                                                       |
| Special features                                           | HDMI<br>IK08                                                                                                                            | Dewarped views                                                                                    | Dewarped views                                                                                      | HDMI<br>IK08                                                                                                                              | HDMI<br>IK08                                                                                                                              | IK08                                                                                                                                      |

## Axis fixed dome cameras

|                                                            | AXIS M30 Series                                                                                      |                                                                                                      |                                                                                                              |                                                                                                   |                                                                                                   |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|                                                            | AXIS M3077-PLVE<br> | AXIS M3058-PLVE<br> | AXIS M3057-PLVE Mk II<br> | AXIS M3016<br> | AXIS M3015<br> |
| Max. video resolution                                      | 2016x2016 ( 6 MP image sensor)                                                                       | 2992x2992 (12 MP Image sensor)                                                                       | 2048x2048 (6 MP Image sensor)                                                                                | 2016x1512 (3 MP)                                                                                  | 1920x1080 (2.1 MP)                                                                                |
| Sensor size/Lens/<br>Horizontal field of view              | 1/1.8",<br>1.6 mm, F2.0,<br>183°                                                                     | 1/1.7",<br>1.3 mm, F2.2,<br>181°                                                                     | 1/1.8",<br>1.6 mm, F2.0,<br>185°                                                                             | 1/3",<br>1.8 mm, F2.4,<br>152°                                                                    | 1/3",<br>2.8 mm, F2.0,<br>106°                                                                    |
| Day and night                                              | ✓                                                                                                    | ✓                                                                                                    | ✓                                                                                                            | -                                                                                                 | -                                                                                                 |
| Min. illumination (lux)<br>Color/B&W                       | 0.16/0.00                                                                                            | 0.19/0.00                                                                                            | 0.16/0.00                                                                                                    | 0.35                                                                                              | 0.25                                                                                              |
| Max. frames per second                                     | 25/30                                                                                                | 25/30                                                                                                | 50/60                                                                                                        | 25/30                                                                                             | 25/30                                                                                             |
| Audio support/<br>Built-in mic                             | ✓ / ✓                                                                                                | - / -                                                                                                | - / -                                                                                                        | - / -                                                                                             | - / -                                                                                             |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                            | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                            | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                    | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                         | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                         |
| Power                                                      | PoE Class 3                                                                                          | PoE Class 3                                                                                          | PoE Class 3                                                                                                  | PoE Class 1                                                                                       | PoE Class 1                                                                                       |
| In-/output ports                                           | 1/1                                                                                                  | 1/1                                                                                                  | 1/1                                                                                                          | -                                                                                                 | -                                                                                                 |
| Operating temperature                                      | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                                | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                                | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                                        | 0 °C to 40 °C<br>(32 °F to 104 °F)                                                                | 0 °C to 45 °C<br>(32 °F to 113 °F)                                                                |
| Outdoor ready<br>approvals                                 | IP66/NEMA4X                                                                                          | IP66/NEMA 4X                                                                                         | IP66/NEMA 4X                                                                                                 | -                                                                                                 | -                                                                                                 |
| WDR                                                        | Forensic WDR                                                                                         | Forensic WDR                                                                                         | Forensic WDR                                                                                                 | WDR                                                                                               | WDR                                                                                               |
| Lightfinder                                                | ✓                                                                                                    | ✓                                                                                                    | ✓                                                                                                            | -                                                                                                 | -                                                                                                 |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                                            | ✓ / ✓ / -                                                                                            | ✓ / ✓ / -                                                                                                    | ✓ / ✓ / ✓                                                                                         | ✓ / ✓ / ✓                                                                                         |
| OptimizedIR/Built-in IR                                    | ✓ / ✓                                                                                                | ✓ / ✓                                                                                                | ✓ / ✓                                                                                                        | - / -                                                                                             | - / -                                                                                             |
| Special features                                           | HDMI<br>IK10<br>Dewarped views<br>Axis Edge Vault                                                    | HDMI<br>IK10<br>Dewarped views                                                                       | HDMI<br>IK10<br>Dewarped views<br>Axis Edge Vault                                                            | -                                                                                                 | -                                                                                                 |

## Axis pan/tilt/zoom cameras

|                                                            | AXIS Q63                                                                                                                                                                  |                                                                                                                  | AXIS Q61 Series                                                                                                  |                                                                                                                  |                                                                                                                  |                                                                                     |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                            | AXIS Q6315-LE                                                                                                                                                             | AXIS Q6155-E                                                                                                     | AXIS Q6154-E                                                                                                     | AXIS Q6135-LE PTZ                                                                                                | AXIS Q6128-E                                                                                                     | AXIS Q6100-E                                                                        |
|                                                            |                                                                                          |                                 |                               |                               |                               |  |
| Max. video resolution                                      | 1920x1080 (2.1 MP)                                                                                                                                                        | 1920x1080 (2.1 MP)                                                                                               | 1280x720 (1 MP)                                                                                                  | 1920x1080 (2.1 MP)                                                                                               | 3840x2160 (8.3 MP)                                                                                               | 2592x1944 (20.4 MP)                                                                 |
| Sensor size/Lens/<br>Horizontal field of view              | 1/1.7",<br>6.91 – 214.64 mm, F1.36 – F4.6<br>– 2.0°                                                                                                                       | 1/2.8",<br>4.3 – 129 mm, F1.6 – 4.7,<br>66.7° – 2.36°                                                            | 1/2.8",<br>4.3 – 129 mm, F1.6 – 4.7,<br>66.7° – 2.36°                                                            | 1/2.8",<br>4.3–137.6 mm, F1.4 – 4.0<br>58.3° – 2.4°                                                              | 1/2.3",<br>3.9 – 46.8 mm, F1.8 – 2.0,<br>70.7° – 6.2°                                                            | 2.8 mm, F2, 360°                                                                    |
| Day and night                                              | ✓                                                                                                                                                                         | ✓                                                                                                                | ✓                                                                                                                | ✓                                                                                                                | ✓                                                                                                                | ✓                                                                                   |
| Min. illumination (lux)<br>Color/B&W                       | 0.06/0.001                                                                                                                                                                | 0.15/0.01                                                                                                        | 0.15/0.01                                                                                                        | 0.06/0.00                                                                                                        | 0.45/0.03                                                                                                        | 0.3/0.03                                                                            |
| Max. frames per second                                     | 50/60                                                                                                                                                                     | 50/60                                                                                                            | 50/60                                                                                                            | 50/60                                                                                                            | 50/60                                                                                                            | 20                                                                                  |
| Optical zoom                                               | 31                                                                                                                                                                        | 30                                                                                                               | 30                                                                                                               | 32                                                                                                               | 12                                                                                                               | -                                                                                   |
| Audio support/<br>Built-in mic                             | - / -                                                                                                                                                                     | - / -                                                                                                            | - / -                                                                                                            | - / -                                                                                                            | - / -                                                                                                            | -                                                                                   |
| Included analytics (for<br>Axis analytics, see<br>page 43) | AXIS Object Analytics<br>AXIS Guard Suite<br>Active Gatekeeper<br>Autotracking<br>AXIS Video Motion Detection                                                             | AXIS Guard Suite<br>Active Gatekeeper<br>Autotracking<br>AXIS Video Motion Detection<br>Active tampering alarm   | AXIS Guard Suite<br>Active Gatekeeper<br>Autotracking<br>AXIS Video Motion Detection<br>Active tampering alarm   | Axis Object Analytics<br>AXIS Guard Suite<br>Active Gatekeeper<br>Autotracking<br>AXIS Video Motion Detection    | AXIS Guard Suite<br>Active Gatekeeper<br>Autotracking<br>AXIS Video Motion Detection<br>Active tampering alarm   | AXIS Guard Suite<br>Autopilot                                                       |
| Power                                                      | PoE Class 6, High PoE<br>SFP midspan included                                                                                                                             | PoE Class 4, High PoE<br>SFP midspan included                                                                    | PoE Class 4, High PoE<br>SFP midspan included                                                                    | PoE Class 4, High PoE<br>SFP midspan included                                                                    | PoE Class 4, High PoE<br>SFP midspan included                                                                    | PoE                                                                                 |
| In-/output ports                                           | -                                                                                                                                                                         | -                                                                                                                | -                                                                                                                | -                                                                                                                | -                                                                                                                | -                                                                                   |
| Operating temperature                                      | -50 °C to 50 °C<br>(-58 °F to 122 °F)                                                                                                                                     | -55 °C to 50 °C<br>(-67 °F to 122 °F)                                                                            | -55 °C to 50 °C<br>(-67 °F to 122 °F)                                                                            | -50 °C to 50 °C<br>(-58 °F to 122 °F)                                                                            | -50 °C to 50 °C<br>(-58 °F to 122 °F)                                                                            | -50 °C to 50 °C<br>(-58 °F to 122 °F)                                               |
| Outdoor ready<br>approvals                                 | IP66/NEMA4X                                                                                                                                                               | IP66/NEMA 4X                                                                                                     | IP66/NEMA 4X                                                                                                     | IP66/NEMA 4X                                                                                                     | IP66/NEMA 4X                                                                                                     | IP66/NEMA 4X                                                                        |
| WDR                                                        | Forensic WDR                                                                                                                                                              | Forensic Capture                                                                                                 | Forensic Capture                                                                                                 | Forensic Capture                                                                                                 | -                                                                                                                | WDR                                                                                 |
| Lightfinder                                                | Lightfinder 2.0                                                                                                                                                           | ✓                                                                                                                | ✓                                                                                                                | ✓                                                                                                                | -                                                                                                                | -                                                                                   |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                                                                                                                 | ✓ / ✓ / -                                                                                                        | ✓ / ✓ / -                                                                                                        | ✓ / ✓ / ✓                                                                                                        | ✓ / ✓ / -                                                                                                        | ✓ / ✓ / ✓                                                                           |
| OptimizedIR/Built-in IR                                    | ✓ / ✓                                                                                                                                                                     | - / -                                                                                                            | - / -                                                                                                            | ✓                                                                                                                | - / -                                                                                                            | - / -                                                                               |
| Special features                                           | Electronic image stabilization<br>Orientation aid<br>IK10<br>Secure boot<br>Laser focus, Sharpdome<br>Speed dry<br>Shock detection<br>FIPS 140-2 certified TPM 2.0 module | Electronic image stabilization<br>Focus recall<br>IK08<br>Laser focus, Sharpdome<br>Speed dry<br>Shock detection | Electronic image stabilization<br>Focus recall<br>IK08<br>Laser focus, Sharpdome<br>Speed dry<br>Shock detection | Electronic image stabilization<br>Focus recall<br>Defogging<br>IK08<br>Sharpdome<br>Speed dry<br>Shock detection | Electronic image stabilization<br>Focus recall<br>Defogging<br>IK08<br>Sharpdome<br>Speed dry<br>Shock detection | Directional audio detection<br>Exchangeable lenses<br>IK10                          |

## Axis pan/tilt/zoom cameras

22

| AXIS Q60 Series                                            |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                        |                                                                                                                                                             |                                                                                                                                                            |                                                                                                     |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|                                                            | AXIS Q6078-E<br>                                                                                                               | AXIS Q6075<br>                                                                                                                                                         | AXIS Q6075-SE<br>                                                                                                                                                                                                             | AXIS Q6075-E<br>                                                                                                                                                    | AXIS Q6074<br>                                                           | AXIS Q6074-E<br>                                                        | AXIS Q6010-E<br> |
| Max. video resolution                                      | 3840x2160 (8 MP)                                                                                                                                                                                                | 1920x1080 (2.1 MP)                                                                                                                                                                                                                                      | 1920x1080 (2.1 MP)                                                                                                                                                                                                                                                                                             | 1920x1080 (2.1 MP)                                                                                                                                                                                                                                     | 1280x720 (1 MP)                                                                                                                                             | 1280x720 (1 MP)                                                                                                                                            | 2592x1944 (20.4 MP)                                                                                 |
| Sensor size/Lens/<br>Horizontal field of view              | 1/2.5",<br>4.4 – 88.4 mm, F2.0 – 3.8,<br>68.3° – 4.20°                                                                                                                                                          | 1/2.8",<br>4.25 – 170 mm, F1.6 – 4.95,<br>62.8° – 2.23°                                                                                                                                                                                                 | 1/2.8",<br>4.25 – 170 mm, F1.6 – 4.95,<br>65.1° – 2.0°                                                                                                                                                                                                                                                         | 1/2.8",<br>4.25 – 170 mm, F1.6 – 4.95,<br>65.1° – 2.0°                                                                                                                                                                                                 | 1/2.8",<br>4.25 – 127.5 mm, F1.6 – 4.2,<br>63.8° – 2.6° (720p), 49.7° – 1.73° (D1)                                                                          | 1/2.8",<br>4.25 – 127.5 mm, F1.6 – 4.2,<br>63.8° – 2.6° (720p), 49.7° – 1.73° (D1)                                                                         | 1/2.5",<br>2.8 mm, F2.0,<br>360°                                                                    |
| Day and night                                              | ✓                                                                                                                                                                                                               | ✓                                                                                                                                                                                                                                                       | ✓                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                                                                                                      | ✓                                                                                                                                                           | ✓                                                                                                                                                          | ✓                                                                                                   |
| Min. illumination (lux)<br>Color/B&W                       | 0.2/0.06                                                                                                                                                                                                        | 0.1/0.002                                                                                                                                                                                                                                               | 0.1/0.002                                                                                                                                                                                                                                                                                                      | 0.1/0.002                                                                                                                                                                                                                                              | 0.1/0.002                                                                                                                                                   | 0.1/0.002                                                                                                                                                  | 0.4/0.03                                                                                            |
| Max. frames per second                                     | 25/30                                                                                                                                                                                                           | 50/60                                                                                                                                                                                                                                                   | 50/60                                                                                                                                                                                                                                                                                                          | 50/60                                                                                                                                                                                                                                                  | 50/60                                                                                                                                                       | 50/60                                                                                                                                                      | 20                                                                                                  |
| Optical zoom                                               | 20                                                                                                                                                                                                              | 40                                                                                                                                                                                                                                                      | 40                                                                                                                                                                                                                                                                                                             | 40                                                                                                                                                                                                                                                     | 40                                                                                                                                                          | 30                                                                                                                                                         | -                                                                                                   |
| Audio support/<br>Built-in mic                             | - / -                                                                                                                                                                                                           | ✓ / -                                                                                                                                                                                                                                                   | - / -                                                                                                                                                                                                                                                                                                          | - / -                                                                                                                                                                                                                                                  | ✓ / -                                                                                                                                                       | - / -                                                                                                                                                      | -                                                                                                   |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Object Analytics<br>AXIS Guard Suite<br>Active gatekeeper<br>Autotracking 2<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                       | AXIS Object Analytics<br>AXIS Guard Suite<br>Active gatekeeper<br>Autotracking 2<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                                               | AXIS Object Analytics<br>AXIS Guard Suite<br>Active gatekeeper<br>Autotracking 2<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                                                                                                      | AXIS Object Analytics<br>AXIS Guard Suite<br>Active gatekeeper<br>Autotracking 2<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                                              | AXIS Object Analytics,<br>AXIS Guard Suite<br>Active Gatekeeper<br>Audio detection<br>Autotracking<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS Object Analytics<br>AXIS Guard Suite<br>Active Gatekeeper<br>Audio detection<br>Autotracking<br>AXIS Video Motion Detection<br>Active tampering alarm | Autopilot                                                                                           |
| Power                                                      | High PoE<br>Midspan included                                                                                                                                                                                    | High PoE<br>Midspan included                                                                                                                                                                                                                            | DC                                                                                                                                                                                                                                                                                                             | High PoE<br>SFP midspan included                                                                                                                                                                                                                       | PoE Class 4, AC, DC<br>Midspan included                                                                                                                     | High PoE<br>SFP midspan included                                                                                                                           | PoE                                                                                                 |
| In-/output ports                                           | -                                                                                                                                                                                                               | 4                                                                                                                                                                                                                                                       | 2                                                                                                                                                                                                                                                                                                              | -                                                                                                                                                                                                                                                      | 4                                                                                                                                                           | -                                                                                                                                                          | -                                                                                                   |
| Operating temperature                                      | -50 °C to 50 °C<br>(-58 °F to 122 °F)                                                                                                                                                                           | 0 °C to 50 °C<br>(32 °F to 122 °F)                                                                                                                                                                                                                      | -30 °C to 50 °C<br>(-22 °F to 122 °F)                                                                                                                                                                                                                                                                          | -50 °C to 50 °C<br>(-58 °F to 122 °F)                                                                                                                                                                                                                  | 0 °C to 50 °C<br>(32 °F to 122 °F)                                                                                                                          | -50 °C to 50 °C<br>(-58 °F to 122 °F)                                                                                                                      | -40 °C to 50 °C<br>(-40 °F to 122 °F)                                                               |
| Outdoor ready<br>approvals                                 | IP66/IP67/NEMA 4X                                                                                                                                                                                               | -                                                                                                                                                                                                                                                       | IP66/IP67/NEMA 4X/6P                                                                                                                                                                                                                                                                                           | IP66/IP67/NEMA 4X                                                                                                                                                                                                                                      | -                                                                                                                                                           | IP66/IP67/NEMA 4X                                                                                                                                          | IP66/NEMA 4X                                                                                        |
| WDR                                                        | WDR                                                                                                                                                                                                             | WDR                                                                                                                                                                                                                                                     | WDR                                                                                                                                                                                                                                                                                                            | WDR                                                                                                                                                                                                                                                    | WDR                                                                                                                                                         | WDR                                                                                                                                                        | WDR                                                                                                 |
| Lightfinder                                                | -                                                                                                                                                                                                               | Lightfinder 2.0                                                                                                                                                                                                                                         | Lightfinder 2.0                                                                                                                                                                                                                                                                                                | Lightfinder 2.0                                                                                                                                                                                                                                        | Lightfinder 2.0                                                                                                                                             | Lightfinder 2.0                                                                                                                                            | -                                                                                                   |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                                                                                                                                                       | ✓ / ✓ / ✓                                                                                                                                                                                                                                               | ✓ / ✓ / ✓                                                                                                                                                                                                                                                                                                      | ✓ / ✓ / ✓                                                                                                                                                                                                                                              | ✓ / ✓ / -                                                                                                                                                   | ✓ / ✓ / -                                                                                                                                                  | ✓ / ✓ / ✓                                                                                           |
| Optimized IR/Built-in IR                                   | - / -                                                                                                                                                                                                           | - / -                                                                                                                                                                                                                                                   | - / -                                                                                                                                                                                                                                                                                                          | - / -                                                                                                                                                                                                                                                  | - / -                                                                                                                                                       | - / -                                                                                                                                                      | - / -                                                                                               |
| Special features                                           | UHD 4K<br>Electronic image stabilization<br>Secure boot<br>FIPS 140-2 certified TPM 2.0 module<br>Orientation aid<br>Automatic defog<br>Focus recall, IK10<br>Object counter, Object removed<br>Shock detection | Electronic image stabilization<br>Secure boot<br>FIPS 140-2 certified TPM 2.0 module<br>Orientation aid<br>Automatic defog,<br>Focus recall, IK10<br>Enter/Exit detector<br>Object counter, Object removed<br>Shock detection<br>Highlight compensation | 2xSFP slots for fiber<br>Electronic image stabilization<br>MIL-STD-810G 509.5<br>Stainless steel. Secure boot<br>FIPS 140-2 certified TPM 2.0 module<br>Orientation aid, Automatic defog<br>Focus recall<br>Enter/Exit detector<br>Object counter, Object removed<br>Shock detection<br>Highlight compensation | Electronic image stabilization<br>Secure boot<br>FIPS 140-2 certified TPM 2.0 module<br>Orientation aid<br>Automatic defog<br>Focus recall, IK10<br>Enter/Exit detector<br>Object counter, Object removed<br>Shock detection<br>Highlight compensation | Electronic image stabilization<br>Automatic defog<br>Focus recall<br>Object counter, Object removed<br>Shock detection<br>Highlight compensation            | Electronic image stabilization<br>Automatic defog<br>Focus recall<br>Object counter, Object removed<br>IK10<br>Shock detection<br>Highlight compensation   | Exchangeable lenses<br>IK10<br>Requires a current AXIS Q60-E PTZ<br>Network Camera                  |

## Axis pan/tilt/zoom cameras

|                                                            | AXIS V59                                                                                                                                  |                                                                                                                                 | AXIS P56 Series                                                                                                                              |                                                                                                                           |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
|                                                            | AXIS V5938<br>                                           | AXIS V5925<br>                                | AXIS P5655-E<br>                                          | AXIS P5654-E<br>                       |
| Max. video resolution                                      | 3840x2160 (8MP)                                                                                                                           | 1920x1080 (2.1 MP)                                                                                                              | 1920x1080 (2.1 MP)                                                                                                                           | 1280x720 (1 MP)                                                                                                           |
| Sensor size/Lens/<br>Horizontal field of view              | 1/2.5",<br>4.4–88 mm, F2.0–3.8<br>70.2°–4.1°                                                                                              | 1/2.8",<br>4.4–132 mm, F1.4–4.6,<br>62°–2.3°                                                                                    | 1/2.8",<br>4.3–137.6 mm, F1.4–4.0,<br>58.7°–2.4°                                                                                             | 1/2.8",<br>4.0–84.6 mm, F1.6–4.5,<br>77.0°–3.6°                                                                           |
| Day and night                                              | ✓                                                                                                                                         | ✓                                                                                                                               | ✓                                                                                                                                            | ✓                                                                                                                         |
| Min. illumination (lux)<br>Color/B&W                       | 0.7/0.06                                                                                                                                  | 1.0/0.03                                                                                                                        | 0.1/0.01                                                                                                                                     | 0.1/0.01                                                                                                                  |
| Max. frames per second                                     | 25/30                                                                                                                                     | 50/60                                                                                                                           | 50/60                                                                                                                                        | 50/60                                                                                                                     |
| Optical zoom                                               | 20                                                                                                                                        | 30                                                                                                                              | 32                                                                                                                                           | 21                                                                                                                        |
| Audio support/<br>Built-in mic                             | ✓ / -                                                                                                                                     | ✓ / -                                                                                                                           | ✓ / -                                                                                                                                        | - / -                                                                                                                     |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Video Motion Detection<br>Active tampering alarm                                                                                     | AXIS Video Motion Detection<br>Active tampering alarm                                                                           | AXIS Object Analytics<br>AXIS Guard Suite<br>Advanced Gatekeeper<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS Object Analytics<br>AXIS Guard Suite<br>Advanced Gatekeeper<br>AXIS Video Motion Detection<br>Active tampering alarm |
| Power                                                      | DC                                                                                                                                        | DC                                                                                                                              | PoE Class 4, AC, DC                                                                                                                          | PoE Class 4                                                                                                               |
| In-/output ports                                           | 2                                                                                                                                         | 2                                                                                                                               | 4                                                                                                                                            | -                                                                                                                         |
| Operating temperature                                      | 0 °C to 40 °C<br>(32 °F to 104 °F)                                                                                                        | 0 °C to 40 °C<br>(32 °F to 104 °F)                                                                                              | -30 °C to 50 °C<br>(-22 °F to 122 °F)                                                                                                        | -30 °C to 50 °C<br>(-22 °F to 122 °F)                                                                                     |
| Outdoor ready<br>approvals                                 | -                                                                                                                                         | -                                                                                                                               | IP66/NEMA 4X                                                                                                                                 | IP66/NEMA 4X                                                                                                              |
| WDR                                                        | -                                                                                                                                         | -                                                                                                                               | Forensic WDR                                                                                                                                 | Forensic WDR                                                                                                              |
| Lightfinder                                                | -                                                                                                                                         | -                                                                                                                               | Lightfinder 2.0                                                                                                                              | Lightfinder 2.0                                                                                                           |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                                                                                 | ✓ / ✓ / ✓                                                                                                                       | ✓ / ✓ / ✓                                                                                                                                    | ✓ / ✓ / ✓                                                                                                                 |
| Optimized IR/Built-in IR                                   | - / -                                                                                                                                     | - / -                                                                                                                           | - / -                                                                                                                                        | - / -                                                                                                                     |
| Special features                                           | UHD 4K<br>2x Canon XLR3<br>3G-SDI<br>HDMI™<br>CamStreamer 3-month trial included<br>VISCA support<br>VISCA over IP support<br>Secure boot | 2x Canon XLR3<br>3G-SDI<br>HDMI™<br>CamStreamer 3-month trial included<br>VISCA support<br>VISCA over IP support<br>Secure boot | Electronic image stabilization<br>Defogging<br>Focus recall<br>IK10<br>Secure boot<br>Shock detection                                        | Electronic image stabilization<br>Defogging<br>Focus recall<br>IK10<br>Secure boot                                        |

## Axis pan/tilt/zoom cameras

|                                                            | AXIS M55                                                                                          | AXIS M50 Series                                                                                                                 |                                                                                                                                 |                                                                                                                                 |                                                                                                                  |                                                                                                                  |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|                                                            | AXIS M5525-E<br> | AXIS M5075-G<br> <b>NEW</b>                    | AXIS M5075<br> <b>NEW</b>                    | AXIS M5074<br> <b>NEW</b>                    | AXIS M5000<br>                | AXIS M5000-G<br>              |
| Max. video resolution                                      | 1920x1080 (2.1 MP)                                                                                | 1920x1080 (2.1 MP)                                                                                                              | 1920x1080 (2.1 MP)                                                                                                              | 1280x720 (1 MP)                                                                                                                 | PTZ camera: 1920x1080<br>Overview cameras: 2592x1944                                                             | PTZ camera: 1920x1080<br>Overview cameras: 2592x1944                                                             |
| Sensor size/Horizontal field of view                       | 1/2.8",<br>4.7 – 47 mm, F1.6 – 3.0,<br>61.8° – 6.7°                                               | 1/2.8",<br>2.2 – 11.0 mm, F1.4 – 2.5,<br>71° – 14°                                                                              | 1/2.8",<br>2.2 – 11.0 mm, F1.4 – 2.5,<br>71° – 14°                                                                              | 1/2.8",<br>2.2 – 11.0 mm, F1.4 – 2.5,<br>71° – 14°                                                                              | PTZ camera: 1/2.8",<br>4.7–47 mm, F1.6–3.0, 61.8°–6.7°<br>Overview cameras: 1/2.8" 2.39 mm, F2.0, 360°           | PTZ camera: 1/2.8",<br>4.7–47 mm, F1.6–3.0, 61.8°–6.7°<br>Overview cameras: 1/2.8" 2.39 mm, F2.0, 360°           |
| Day and night                                              | ✓                                                                                                 | ✓                                                                                                                               | ✓                                                                                                                               | ✓                                                                                                                               | ✓                                                                                                                | ✓                                                                                                                |
| Min. illumination (lux)<br>Color/B&W                       | 0.45/0.01                                                                                         | 0.1/-                                                                                                                           | 0.1/-                                                                                                                           | 0.1/-                                                                                                                           | PTZ camera: 0.09/0.01<br>Overview cameras: 0.08/0.03                                                             | PTZ camera: 0.09/0.01<br>Overview cameras: 0.08/0.03                                                             |
| Max. frames per second                                     | 25/30                                                                                             | 50/60                                                                                                                           | 50/60                                                                                                                           | 50/60                                                                                                                           | PTZ camera: 25/30<br>Overview cameras: 12                                                                        | PTZ camera: 25/30<br>Overview cameras: 12                                                                        |
| Optical zoom                                               | 10                                                                                                | 5                                                                                                                               | 5                                                                                                                               | 5                                                                                                                               | 10                                                                                                               | 10                                                                                                               |
| Audio support/<br>Built-in mic                             | ✓ / -                                                                                             | ✓ / ✓                                                                                                                           | ✓ / ✓                                                                                                                           | ✓ / ✓                                                                                                                           | ✓ / -                                                                                                            | ✓ / -                                                                                                            |
| Included analytics<br>(for Axis analytics,<br>see page 43) | Advanced gatekeeper<br>Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm   | Audio volume detection<br>Scream detection<br>Removed object detection<br>AXIS Video Motion Detection<br>Active tampering alarm | Audio volume detection<br>Scream detection<br>Removed object detection<br>AXIS Video Motion Detection<br>Active tampering alarm | Audio volume detection<br>Scream detection<br>Removed object detection<br>AXIS Video Motion Detection<br>Active tampering alarm | AXIS Loitering Guard<br>AXIS Video Motion Detection<br>Audio detection<br>Shock detection<br>Advanced gatekeeper | AXIS Loitering Guard<br>AXIS Video Motion Detection<br>Audio detection<br>Shock detection<br>Advanced gatekeeper |
| Power                                                      | PoE Class 3, DC                                                                                   | PoE Class 3                                                                                                                     | PoE Class 3                                                                                                                     | PoE Class 3                                                                                                                     | PoE Class 4, DC                                                                                                  | PoE Class 4, DC                                                                                                  |
| In-/output ports                                           | 4                                                                                                 | -                                                                                                                               | -                                                                                                                               | -                                                                                                                               | 4                                                                                                                | 4                                                                                                                |
| Operating temperature                                      | -20 °C to 50 °C<br>(-4 °F to 122 °F)                                                              | 0 °C to 45 °C<br>(32 °F to 113 °F)                                                                                              | 0 °C to 45 °C<br>(32 °F to 113 °F)                                                                                              | 0 °C to 45 °C<br>(32 °F to 113 °F)                                                                                              | 0 °C to 40 °C<br>(32 °F to 104 °F)                                                                               | 0 °C to 40 °C<br>(32 °F to 104 °F)                                                                               |
| Outdoor ready<br>approvals                                 | IP66/NEMA 4X                                                                                      | -                                                                                                                               | -                                                                                                                               | -                                                                                                                               | -                                                                                                                | -                                                                                                                |
| WDR                                                        | Forensic Capture                                                                                  | WDR                                                                                                                             | WDR                                                                                                                             | -                                                                                                                               | Forensic Capture                                                                                                 | Forensic Capture                                                                                                 |
| Lightfinder                                                | -                                                                                                 | -                                                                                                                               | -                                                                                                                               | -                                                                                                                               | -                                                                                                                | -                                                                                                                |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / -                                                                                         | ✓ / ✓ / ✓                                                                                                                       | ✓ / ✓ / ✓                                                                                                                       | ✓ / ✓ / ✓                                                                                                                       | ✓ / ✓ / ✓                                                                                                        | ✓ / ✓ / ✓                                                                                                        |
| OptimizedIR/Built-in IR                                    | - / -                                                                                             | - / -                                                                                                                           | - / -                                                                                                                           | - / -                                                                                                                           | - / -                                                                                                            | - / -                                                                                                            |
| Special features                                           | Scene profiles<br>IK09                                                                            | Wireless I/O connectivity with<br>Z-Wave Plus® devices<br>Autofocus                                                             | Autofocus                                                                                                                       | Autofocus                                                                                                                       | -                                                                                                                | Wireless I/O connectivity with<br>Z-Wave Plus® devices                                                           |

## Axis pan/tilt/zoom cameras

|                                                            | AXIS Q87 Series                                                                                                                                                                                                                     |                                                                                                                                                                                                                                     | AXIS Q86 Series                                                                                     |                                                                                                      |                                                                                                     |                                                                                                     |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|                                                            | AXIS Q8752-E, zoom<br>                                                                                                                             | AXIS Q8752-E<br>                                                                                                                                   | AXIS Q8685-E<br> | AXIS Q8685-LE<br> | AXIS Q8642-E<br> | AXIS Q8641-E<br> |
| Max. video resolution                                      | Visual: 1920x1080<br>Thermal: 640x480                                                                                                                                                                                               | Visual: 1920x1080<br>Thermal: 640x480                                                                                                                                                                                               | 1920x1080                                                                                           | 1920x1080                                                                                            | 640x480                                                                                             | 384x288                                                                                             |
| Sensor size/Lens/<br>Horizontal field of view              | Visual: 1/2.8" progressive scan CMOS,<br>4.3–137.6 mm, F1.4–4.0<br>58.5° – 2.4°<br>Thermal: Uncooled microbolometer<br>Athermalized 35–105 mm, F1.6, 18° – 6°                                                                       | Visual: 1/2.8" progressive scan CMOS,<br>4.3–137.6 mm, F1.4–4.0<br>58.5° – 2.4°<br>Thermal: Uncooled microbolometer<br>Athermalized 35 mm, F1.2, 17°                                                                                | 1/2.8",<br>4.3–129 mm, F1.6–4.7<br>65.6° – 2°                                                       | 1/2.8",<br>4.3–129 mm, F1.6–4.7<br>65.6° – 2°                                                        | Uncooled microbolometer<br>Athermalized 60 mm, F1.25<br>10°                                         | Uncooled microbolometer<br>Athermalized 35 mm, F1.2<br>10.7°                                        |
| Day and night                                              | ✓                                                                                                                                                                                                                                   | ✓                                                                                                                                                                                                                                   | ✓                                                                                                   | ✓                                                                                                    | -                                                                                                   | -                                                                                                   |
| Min. illumination (lux)<br>Color/B&W                       | Visual: 0.1/0.02                                                                                                                                                                                                                    | Visual: 0.1/0.02                                                                                                                                                                                                                    | 0.2/0.01                                                                                            | 0.2/0.01                                                                                             | -/-                                                                                                 | -/-                                                                                                 |
| Max. frames per second                                     | Visual: 50/60<br>Thermal: 8.3/30 <sup>1</sup>                                                                                                                                                                                       | Visual: 50/60<br>Thermal: 8.3/30 <sup>1</sup>                                                                                                                                                                                       | 50/60                                                                                               | 50/60                                                                                                | 8.3/30 <sup>1</sup>                                                                                 | 8.3/30 <sup>1</sup>                                                                                 |
| Pan/Tilt                                                   | 360° endless /<br>-90° to 45°<br>-45° to 90°<br>(inverted configuration)                                                                                                                                                            | 360° endless /<br>-90° to 45°<br>-45° to 90°<br>(inverted configuration)                                                                                                                                                            | 360° endless /<br>-90° to 45°<br>-45° to 90°<br>(inverted configuration)                            | 360° endless /<br>-90° to 45°<br>-45° to 90°<br>(inverted configuration)                             | 360° endless /<br>-90° to 45°                                                                       | 360° endless /<br>-90° to 45°                                                                       |
| Optical zoom                                               | Visual: 32<br>Thermal: 3                                                                                                                                                                                                            | Visual: 32                                                                                                                                                                                                                          | 30                                                                                                  | 30                                                                                                   | -                                                                                                   | -                                                                                                   |
| Sensitivity                                                | Thermal: NETD < 50 mK                                                                                                                                                                                                               | Thermal: NETD < 50 mK                                                                                                                                                                                                               | -                                                                                                   | -                                                                                                    | NETD < 50 mK                                                                                        | NETD < 70 mK                                                                                        |
| Included analytics<br>(for Axis analytics,<br>see page 43) | Advanced gatekeeper<br>Audio detection<br>AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                                                 | Advanced gatekeeper<br>Audio detection<br>AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                                                 | AXIS Guard Suite<br>Advanced gatekeeper<br>AXIS Video Motion Detection<br>Active tampering alarm    | AXIS Guard Suite<br>Advanced gatekeeper<br>AXIS Video Motion Detection<br>Active tampering alarm     | AXIS Guard Suite<br>AXIS Video Motion Detection                                                     | AXIS Guard Suite<br>AXIS Video Motion Detection                                                     |
| Power                                                      | 24 V AC/DC                                                                                                                                                                                                                          | 24 V AC/DC                                                                                                                                                                                                                          | 24 V AC/DC                                                                                          | 24 V AC/DC                                                                                           | 24 V AC/DC                                                                                          | 24 V AC/DC                                                                                          |
| In-/output ports                                           | 4                                                                                                                                                                                                                                   | 4                                                                                                                                                                                                                                   | 4                                                                                                   | 4                                                                                                    | 4                                                                                                   | 4                                                                                                   |
| Operating temperature                                      | -40 °C to 55 °C<br>(-40 °F to 131 °F)                                                                                                                                                                                               | -40 °C to 55 °C<br>(-40 °F to 131 °F)                                                                                                                                                                                               | -50 °C to 55 °C<br>(-58 °F to 131 °F)                                                               | -50 °C to 55 °C<br>(-58 °F to 131 °F)                                                                | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                               | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                               |
| Outdoor ready approvals                                    | IP66/NEMA 4X                                                                                                                                                                                                                        | IP66/NEMA 4X                                                                                                                                                                                                                        | IP66/NEMA 4X                                                                                        | IP66/NEMA 4X                                                                                         | IP66/NEMA 4X                                                                                        | IP66/NEMA 4X                                                                                        |
| WDR                                                        | Visual: Forensic WDR                                                                                                                                                                                                                | Visual: Forensic WDR                                                                                                                                                                                                                | Forensic Capture                                                                                    | Forensic Capture                                                                                     | -                                                                                                   | -                                                                                                   |
| Lightfinder                                                | Lightfinder 2.0                                                                                                                                                                                                                     | Lightfinder 2.0                                                                                                                                                                                                                     | -                                                                                                   | -                                                                                                    | -                                                                                                   | -                                                                                                   |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / ✓                                                                                                                                                                                                                           | ✓ / ✓ / ✓                                                                                                                                                                                                                           | ✓ / ✓ / -                                                                                           | ✓ / ✓ / -                                                                                            | ✓ / ✓ / -                                                                                           | ✓ / ✓ / -                                                                                           |
| Optimized IR/Built-in IR                                   | - / -                                                                                                                                                                                                                               | - / -                                                                                                                                                                                                                               | - / -                                                                                               | - / ✓                                                                                                | - / -                                                                                               | - / -                                                                                               |
| Special features                                           | FIPS 140-2 level 2 certified TPM, IK10<br>Secure boot<br>Axis Edge Vault<br>Electronic image stabilization <sup>2</sup><br>RJ45 and SFP interfaces<br>Thermal palettes<br>Defogging, Built-in wiper<br>Visual channel: Focus recall | FIPS 140-2 level 2 certified TPM, IK10<br>Secure boot<br>Axis Edge Vault<br>Electronic image stabilization <sup>2</sup><br>RJ45 and SFP interfaces<br>Thermal palettes<br>Defogging, Built-in wiper<br>Visual channel: Focus recall | Electronic image stabilization<br>Shock detection<br>Focus recall<br>RJ45 and SFP interfaces        | Electronic image stabilization<br>Shock detection<br>Focus recall<br>RJ45 and SFP interfaces         | Electronic image stabilization<br>Shock detection<br>SFP slot<br>Thermal palettes                   | Electronic image stabilization<br>Shock detection<br>SFP slot<br>Thermal palettes                   |

1. Up to 30 fps within EU, Norway, Switzerland, Canada, USA, Japan, Australia, New Zealand. Up to 8.3 fps in other countries. Frame rate above 9 fps may be subject to export control regulations

2. Electronic image stabilization (EIS) on both thermal and visual camera.

## Axis thermal cameras

26

| AXIS Q29 Temperature Alarm Camera Series             |                                                                                       |                                                                                               | AXIS Q19 Thermal Camera Series                                                                                                                                 |                                                                                                                                                                                                                     |                                                                                              |                                                                                                                                                                                                                        |                                                                                              |                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                      | AXIS Q2901-E                                                                          | AXIS Q2901-E PT Mount                                                                         | AXIS Q1952-E                                                                                                                                                   | AXIS Q1951-E                                                                                                                                                                                                        | AXIS Q1942-E                                                                                 | AXIS Q1942-E PT Mount                                                                                                                                                                                                  | AXIS Q1941-E                                                                                 | AXIS Q1941-E PT Mount                                                                                                                                                                                                                                                       |
|                                                      |      |              |                                                                               |                                                                                                                                  |           |                                                                                                                                     |           |                                                                                                                                                                                          |
| Max. video resolution                                | 336x256                                                                               | 336x256                                                                                       | 640x480                                                                                                                                                        | 384x288                                                                                                                                                                                                             | 640x480                                                                                      | 640x480                                                                                                                                                                                                                | 384x288                                                                                      | 384x288                                                                                                                                                                                                                                                                     |
| Sensor size/ Lens/<br>Horizontal field of view       | Uncooled microbolometer<br>Athermalized lens<br>9 mm, F1.25, 35°<br>19 mm, F1.25, 17° | Uncooled microbolometer<br>Athermalized lens<br>9 mm, F1.25, 35°<br>19 mm, F1.25, 17°         | Uncooled microbolometer<br>Athermalized lens<br>10 mm, F1.17, 63°<br>19 mm, F1.23, 31°<br>35 mm, F1.14, 17°                                                    | Uncooled microbolometer<br>Athermalized lens<br>7 mm, F1.18, 55°<br>13 mm, F1.0, 28°<br>19 mm, F1.23, 19.4°<br>35 mm, F1.14, 10.5°                                                                                  | Uncooled microbolometer<br>Athermalized lens<br>60 mm, F 1.25, 10°                           | Uncooled microbolometer<br>Athermalized lens<br>10 mm, F 1.24, 63°<br>19 mm, F 1.23, 31°<br>35 mm, F 1.20, 17°<br>60 mm, F 1.25, 10°                                                                                   | Uncooled microbolometer<br>Athermalized lens<br>60 mm, F1.25, 6.2°                           | Uncooled microbolometer<br>Athermalized lens<br>7 mm, F1.18, 55°<br>13 mm, F1.0, 28°<br>19 mm, F1.23, 19.4°<br>35 mm, F1.2, 10.5°<br>60 mm, F1.25, 6.2°                                                                                                                     |
| Max. frames per second                               | 8.3                                                                                   | 8.3                                                                                           | 8.3/30 <sup>1</sup>                                                                                                                                            | 8.3/30 <sup>1</sup>                                                                                                                                                                                                 | 8.3/30 <sup>1</sup>                                                                          | 8.3/30 <sup>1</sup>                                                                                                                                                                                                    | 8.3/30 <sup>1</sup>                                                                          | 8.3/30 <sup>1</sup>                                                                                                                                                                                                                                                         |
| Object temperature range                             | -40 °C to 550 °C<br>(-40 °F to 1022 °F)                                               | -40 °C to 550 °C<br>(-40 °F to 1022 °F)                                                       |                                                                                                                                                                |                                                                                                                                                                                                                     | -                                                                                            | -                                                                                                                                                                                                                      | -                                                                                            | -                                                                                                                                                                                                                                                                           |
| Sensitivity                                          | NETD < 50 mK                                                                          | NETD < 50 mK                                                                                  | NETD < 30 mK                                                                                                                                                   | NETD < 40 mK                                                                                                                                                                                                        | NETD < 50 mK                                                                                 | NETD < 50 mK                                                                                                                                                                                                           | NETD < 70 mK                                                                                 | NETD < 70 mK                                                                                                                                                                                                                                                                |
| Detection range (m/yd.)                              | -                                                                                     | -                                                                                             | 10 mm: 291/318 <sup>2</sup> 892/978 <sup>3</sup><br>19 mm: 573/627 <sup>2</sup> 1757/1921 <sup>3</sup><br>35 mm: 1079/1179 <sup>2</sup> 3307/3617 <sup>3</sup> | 7 mm: 200/219 <sup>2</sup> 613/671 <sup>3</sup><br>13 mm: 393/430 <sup>2</sup> 1205/1318 <sup>3</sup><br>19 mm: 567/620 <sup>2</sup> 1739/1902 <sup>3</sup><br>35 mm: 1028/1124 <sup>2</sup> 3153/3448 <sup>3</sup> | 60 mm: 1833/2005 <sup>2</sup> 5623/6149 <sup>3</sup>                                         | 10 mm: 291/318 <sup>2</sup> 892/978 <sup>3</sup><br>19 mm: 573/627 <sup>2</sup> 1757/1921 <sup>3</sup><br>35 mm: 1079/1179 <sup>2</sup> 3307/3617 <sup>3</sup><br>60 mm: 1833/2005 <sup>2</sup> 5623/6149 <sup>3</sup> | 60 mm: 1774/1940 <sup>2</sup> 5441/5951 <sup>3</sup>                                         | 7 mm: 200/219 <sup>2</sup> 613/671 <sup>3</sup><br>13 mm: 393/430 <sup>2</sup> 1205/1318 <sup>3</sup><br>19 mm: 567/620 <sup>2</sup> 1739/1902 <sup>3</sup><br>35 mm: 1028/1124 <sup>2</sup> 3153/3448 <sup>3</sup><br>60 mm: 1774/1940 <sup>2</sup> 5441/5951 <sup>3</sup> |
| Audio support/ Built-in mic                          | ✓ / -                                                                                 | - / -                                                                                         | ✓ / -                                                                                                                                                          | ✓ / -                                                                                                                                                                                                               | ✓ / -                                                                                        | - / -                                                                                                                                                                                                                  | ✓ / -                                                                                        | - / -                                                                                                                                                                                                                                                                       |
| Included analytics (for Axis analytics, see page 43) | AXIS Video Motion Detection<br>Active tampering alarm<br>Audio detection              | AXIS Video Motion Detection<br>Active tampering alarm                                         | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm<br>Audio detection                                                                   | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm<br>Audio detection                                                                                                                        | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm<br>Audio detection | AXIS Guard Suite<br>AXIS Video Motion Detection                                                                                                                                                                        | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm<br>Audio detection | AXIS Guard Suite<br>AXIS Video Motion Detection                                                                                                                                                                                                                             |
| Power                                                | PoE Class 3, 24 V AC/DC                                                               | PoE Class 3, 24 V AC/DC                                                                       | PoE Class 3, 12 - 28 V DC                                                                                                                                      | PoE Class 3, 12 - 28 V DC                                                                                                                                                                                           | PoE Class 3, 24 V AC/DC                                                                      | PoE Class 3, 24 V AC/DC                                                                                                                                                                                                | PoE Class 3, 24 V AC/DC                                                                      | PoE Class 3, 24 V AC/DC                                                                                                                                                                                                                                                     |
| In-/output ports                                     | 2                                                                                     | -                                                                                             | 1/1                                                                                                                                                            | 1/1                                                                                                                                                                                                                 | 2                                                                                            | -                                                                                                                                                                                                                      | 2                                                                                            | -                                                                                                                                                                                                                                                                           |
| Operating temperature                                | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                 | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                         | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                                                          | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                                                                                                               | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                        | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                                                                                                                  | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                        | -40 °C to 60 °C<br>(-40 °F to 140 °F)                                                                                                                                                                                                                                       |
| Outdoor ready approvals                              | IP66/IP67/NEMA 4X                                                                     | IP66/NEMA 4X                                                                                  | IP66/IP67/NEMA 4X                                                                                                                                              | IP66/IP67/NEMA 4X                                                                                                                                                                                                   | IP66/IP67/NEMA 4X                                                                            | IP66/NEMA 4X                                                                                                                                                                                                           | IP66/IP67/NEMA 4X                                                                            | IP66/NEMA 4X                                                                                                                                                                                                                                                                |
| Zipstream/H.264/H.265                                | -                                                                                     | -                                                                                             | ✓ ✓ ✓                                                                                                                                                          | ✓ ✓ ✓                                                                                                                                                                                                               | ✓ ✓ / -                                                                                      | ✓ ✓ / -                                                                                                                                                                                                                | ✓ ✓ / -                                                                                      | ✓ ✓ / -                                                                                                                                                                                                                                                                     |
| Special features                                     | Isothermal palette<br>Thermal palettes<br>Shock detection                             | Isothermal palette<br>Thermal palettes<br>Shock detection<br>RS485/RS422 for pan/tilt control | Electronic image stabilization<br>Thermal palettes<br>Signed firmware<br>Secure boot<br>Axis Edge Vault<br>FIPS 140-2 level 2 certified TPM IK10               | Electronic image stabilization<br>Thermal palettes<br>Signed firmware<br>Secure boot<br>Axis Edge Vault<br>FIPS 140-2 level 2 certified TPM IK10                                                                    | Electronic image stabilization<br>Thermal palettes<br>Shock detection                        | Electronic image stabilization<br>Thermal palettes<br>Shock detection<br>RS485/RS422 for pan/tilt control                                                                                                              | Electronic image stabilization<br>Thermal palettes<br>Shock detection                        | Electronic image stabilization<br>Thermal palettes<br>Shock detection<br>RS485/RS422 for pan/tilt control                                                                                                                                                                   |

1. Up to 30 fps within EU, Norway, Switzerland, Canada, USA, Japan, Australia, New Zealand. Up to 8.3 fps in other countries. Frame rate above 9 fps may be subject to export control regulations

2. Detection range measured for humans, 1.8 x 0.5 m, calculated with Johnson's criteria

3. Detection range measured for vehicles, 4 x 1.5 m, calculated with Johnson's criteria

## Explosion-protected cameras

|                                                            | Visual positioning                                                                                                                | Visual PTZ                                                                                                                                                                                                     |                                                                                                                                                                                                                       | Thermal positioning                                                                                                                                  | Thermometric                                                                                      |                                                                                                                                                      |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                            | AXIS XPQ1785<br>                                 | ExCam XPT Q6075<br>                                                                                                           | D201-S XPT Q6075<br>                                                                                                               | XP40-Q1942<br>                                                    | XF60-Q2901<br> | XF40-Q2901<br>                                                    |
| Max. video resolution                                      | 1920x1080 (2.1 MP)                                                                                                                | 1920x1080 (2.1 MP)                                                                                                                                                                                             | 1920x1080 (2.1 MP)                                                                                                                                                                                                    | 640x480                                                                                                                                              | 336x256                                                                                           | 336x256                                                                                                                                              |
| Sensor size/Lens/<br>Horizontal field of view              | 1/2.8",<br>4.3 - 137 mm,<br>F1.4 - 4.0, 60° - 2.3°                                                                                | 1/2.8",<br>4.25 - 170 mm<br>F1.6 - 4.95, 65.1° - 2.0°                                                                                                                                                          | 1/2.8",<br>4.25 - 170 mm,<br>F1.6 - 4.95, 65.1° - 2.0°                                                                                                                                                                | Uncooled microbolometer<br>Athermalized 19 mm,<br>F1.23, 32°                                                                                         | Uncooled microbolometer<br>Athermalized 19 mm,<br>F1.25, 17°                                      | Uncooled microbolometer<br>Athermalized 19 mm,<br>F1.25, 17°                                                                                         |
| Min. illumination (lux)<br>Color/B&W                       | 0.16/0.03                                                                                                                         | 0.1/0.002                                                                                                                                                                                                      | 0.1/0.002                                                                                                                                                                                                             | -/-                                                                                                                                                  | -/-                                                                                               | -/-                                                                                                                                                  |
| Max. frames per second                                     | 50/60                                                                                                                             | 50/60                                                                                                                                                                                                          | 50/60                                                                                                                                                                                                                 | 8.3                                                                                                                                                  | 8.3                                                                                               | 8.3                                                                                                                                                  |
| Object temperature range                                   | -                                                                                                                                 | -                                                                                                                                                                                                              | -                                                                                                                                                                                                                     | -                                                                                                                                                    | -40 °C to 550 °C<br>(-40 °F to 1022 °F)                                                           | -40 °C to 550 °C<br>(-40 °F to 1022 °F)                                                                                                              |
| Sensitivity                                                | -                                                                                                                                 | -                                                                                                                                                                                                              | -                                                                                                                                                                                                                     | NETD < 50 mK                                                                                                                                         | NETD < 50 mK                                                                                      | NETD < 50 mK                                                                                                                                         |
| Detection range (m/yd.)                                    | -                                                                                                                                 | -                                                                                                                                                                                                              | -                                                                                                                                                                                                                     | 567/620 <sup>2</sup><br>1739/1902 <sup>3</sup>                                                                                                       | -                                                                                                 | -                                                                                                                                                    |
| Optical zoom                                               | 32                                                                                                                                | 40                                                                                                                                                                                                             | 40                                                                                                                                                                                                                    | -                                                                                                                                                    | -                                                                                                 | -                                                                                                                                                    |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm<br>Smoke alert                                          | AXIS Guard Suite<br>Active Gatekeeper<br>Autotracking 2<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                               | AXIS Guard Suite<br>Active Gatekeeper<br>Autotracking 2<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                                      | AXIS Video Motion Detection                                                                                                                          | AXIS Video Motion Detection<br>Active tampering alarm                                             | AXIS Video Motion Detection<br>Active tampering alarm                                                                                                |
| Power                                                      | 100 - 240 V AC                                                                                                                    | PoE Class 3 and 24 V AC for additional heater<br>SFP midspan included                                                                                                                                          | PoE Class 4, High PoE,<br>SFP midspan included                                                                                                                                                                        | 24 V AC / 110 V AC                                                                                                                                   | 110 V AC                                                                                          | 24 V AC                                                                                                                                              |
| In-/output ports                                           | -                                                                                                                                 | -                                                                                                                                                                                                              | -                                                                                                                                                                                                                     | -                                                                                                                                                    | -                                                                                                 | -                                                                                                                                                    |
| Operating temperature                                      | -60 °C to 60 °C<br>(-76 °F to 140 °F)                                                                                             | -50 °C to 50 °C<br>(-58 °F to 122 °F)                                                                                                                                                                          | -20 °C to 55 °C<br>(-4 °F to 131 °F)                                                                                                                                                                                  | -40 °C to 70 °C (-40 °F to 158 °F)<br>-60 °C model: -60 °C to 40 °C<br>(-76 °F to 104 °F)<br>-50 °C UL models: -50 °C to 70 °C<br>(-58 °F to 158 °F) | -50 °C to 70 °C<br>(-58 °F to 158 °F)                                                             | -40 °C to 70 °C (-40 °F to 158 °F)<br>-60 °C model: -60 °C to 40 °C<br>(-76 °F to 104 °F)<br>-50 °C UL models: -50 °C to 70 °C<br>(-58 °F to 158 °F) |
| Outdoor ready approvals                                    | IP66/IP67/IP68                                                                                                                    | IP66/IP67/IP68                                                                                                                                                                                                 | IP66/IP67                                                                                                                                                                                                             | IP66/IP67                                                                                                                                            | IP66/IP67                                                                                         | IP66/IP67                                                                                                                                            |
| WDR                                                        | Forensic WDR                                                                                                                      | Forensic WDR                                                                                                                                                                                                   | Forensic WDR                                                                                                                                                                                                          | -                                                                                                                                                    | -                                                                                                 | -                                                                                                                                                    |
| Lightfinder                                                | ✓                                                                                                                                 | Lightfinder 2.0                                                                                                                                                                                                | Lightfinder 2.0                                                                                                                                                                                                       | -                                                                                                                                                    | -                                                                                                 | -                                                                                                                                                    |
| Zipstream/H.264/H.265                                      | ✓ / ✓ / -                                                                                                                         | ✓ / ✓ / ✓                                                                                                                                                                                                      | ✓ / ✓ / ✓                                                                                                                                                                                                             | ✓ / ✓ / -                                                                                                                                            | - / - / -                                                                                         | - / - / -                                                                                                                                            |
| Special features                                           | 316L stainless steel<br>NEC, CEC, ATEX, IECEx, INMETRO, IA, UKCA<br>Built-in wiper<br>Defogging<br>Electronic image stabilization | 316L stainless steel<br>ATEX, IECEx, EAC Ex, IA<br>Secure boot<br>FIPS 140-2 certified TPM 2.0 module<br>Orientation aid<br>Automatic defog<br>Electronic image stabilization<br>Focus recall, Shock detection | 316L stainless steel<br>NEC, CEC, ATEX, IECEx, INMETRO<br>Secure boot<br>FIPS 140-2 certified TPM 2.0 module<br>Orientation aid<br>Automatic defog<br>Electronic image stabilization<br>Focus recall, Shock detection | 316L stainless steel<br>NEC, CEC, CSA, ATEX, IECEx, EAC Ex,<br>INMETRO, IA, CCOE, KCs, CNEX<br>Electronic image stabilization<br>Shock detection     | 316L stainless steel<br>NEC, CEC<br>Shock detection                                               | 316L stainless steel<br>NEC, CEC, CSA, ATEX, IECEx, EAC Ex,<br>INMETRO, IA, CCOE, KCs, CNEX<br>Shock detection                                       |

2. Detection range measured for humans, 1.8 x 0.5 m, calculated with Johnson's criteria

3. Detection range measured for vehicles, 4 x 1.5 m, calculated with Johnson's criteria

## Explosion-protected cameras

|                                                            | Visual Fixed                                                                                                         |                                                                                                                                           |                                                                                                                                                                          |                                                                                                                                                                 |                                                                                     |                                                                                                                                                          |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                            | XF40-Q1785                                                                                                           | ExCam XF Q1785                                                                                                                            | ExCam XF Q1645                                                                                                                                                           | ExCam XF P1377                                                                                                                                                  | ExCam XF M3016                                                                      | D101-AF P3807                                                                                                                                            |
|                                                            |                                     |                                                          |                                                                                        |                                                                              |  |                                                                       |
| Max. video resolution                                      | 1920x1080 (2.1 MP)                                                                                                   | 1920x1080 (2.1 MP)                                                                                                                        | 1920x1080 (2.1 MP)                                                                                                                                                       | 3072x1728 (5 MP)                                                                                                                                                | 2016x1512 or 2304x1296 (3MP)                                                        | 4x 1920x1080 (8.3 MP)                                                                                                                                    |
| Sensor size/Lens/<br>Horizontal field of view              | 1/2.8",<br>4.3–137 mm,<br>F1.4 – 4.0,<br>60° – 2.3°                                                                  | 1/2.8",<br>4.3–137 mm,<br>F1.4 – 4.0,<br>60° – 2.3°                                                                                       | 1/2",<br>3.9 – 10 mm,<br>F1.5,<br>109° – 42°                                                                                                                             | 1/2.7",<br>3.9–10 mm,<br>F1.5,<br>75° – 31°                                                                                                                     | 1/3",<br>2.8 mm,<br>F2.0,<br>69° (4:3) or 92° (16:9)                                | 4 x 1/2.9",<br>3.2 mm,<br>F2.0,<br>180°                                                                                                                  |
| Min. illumination (lux)<br>Color/B&W                       | 0.16/0.03                                                                                                            | 0.16/0.03                                                                                                                                 | 0.03/0.01                                                                                                                                                                | 0.15/0.03                                                                                                                                                       | 0.4/ –                                                                              | 0.17/0.05                                                                                                                                                |
| Max. frames per second                                     | 25/30                                                                                                                | 25/30                                                                                                                                     | 100/120                                                                                                                                                                  | 180                                                                                                                                                             | 25/30                                                                               | 25/30                                                                                                                                                    |
| Optical zoom                                               | 32                                                                                                                   | 32                                                                                                                                        | –                                                                                                                                                                        | –                                                                                                                                                               | –                                                                                   | –                                                                                                                                                        |
| Included analytics<br>(for Axis analytics,<br>see page 43) | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                            | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                 | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                                | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                       | AXIS Video Motion Detection<br>Active tampering alarm                               | AXIS Guard Suite<br>AXIS Video Motion Detection<br>Active tampering alarm                                                                                |
| Power                                                      | 24 V AC                                                                                                              | PoE Class 3 and<br>24 V DC for additional heater                                                                                          | PoE Class 3 and<br>24 V DC for additional heater                                                                                                                         | PoE Class 3 and<br>24 V DC for additional heater                                                                                                                | PoE Class 1                                                                         | PoE Class 3                                                                                                                                              |
| In-/output ports                                           | –                                                                                                                    | –                                                                                                                                         | –                                                                                                                                                                        | –                                                                                                                                                               | –                                                                                   | –                                                                                                                                                        |
| Operating temperature                                      | –50 °C to 60 °C<br>(–58 °F to 140 °F)                                                                                | –60 °C to 60 °C<br>(–76 °F to 140 °F)                                                                                                     | –60 °C to 60 °C<br>(–76 °F to 140 °F)                                                                                                                                    | –60 °C to 60 °C<br>(–76 °F to 140 °F)                                                                                                                           | –5 °C to 40 °C<br>(23 °F to 104 °F)                                                 | –20 °C to 55 °C<br>(–4 °F to 131 °F)                                                                                                                     |
| Outdoor ready<br>approvals                                 | IP66/IP67                                                                                                            | IP68                                                                                                                                      | IP68                                                                                                                                                                     | IP68                                                                                                                                                            | IP68                                                                                | IP66/IP67                                                                                                                                                |
| WDR                                                        | Forensic WDR                                                                                                         | Forensic WDR                                                                                                                              | Forensic WDR                                                                                                                                                             | Forensic WDR                                                                                                                                                    | WDR                                                                                 | Forensic WDR                                                                                                                                             |
| Lightfinder                                                | ✓                                                                                                                    | ✓                                                                                                                                         | ✓                                                                                                                                                                        | ✓                                                                                                                                                               | –                                                                                   | ✓                                                                                                                                                        |
| Zipstream/H.264/H.265                                      | ✓/✓/–                                                                                                                | ✓/✓/–                                                                                                                                     | ✓/✓/–                                                                                                                                                                    | ✓/✓/✓                                                                                                                                                           | ✓/✓/✓                                                                               | ✓/✓/–                                                                                                                                                    |
| Special features                                           | 316L stainless steel<br>NEC, CEC<br>Electronic image stabilization<br>Built-in wiper<br>Defogging<br>Shock detection | 316L stainless steel<br>ATEX, IECEx, EAC Ex, IA, PESO<br>Electronic image stabilization<br>Built-in wiper<br>Defogging<br>Shock detection | 316L stainless steel<br>ATEX, IECEx, EAC Ex, IA, PESO<br>Certified for mining<br>i-CS lens<br>Remote zoom and focus<br>Electronic image stabilization<br>Shock detection | 316L stainless steel<br>ATEX, IECEx, EAC Ex, IA, PESO<br>i-CS lens<br>Remote zoom and focus<br>Electronic image stabilization<br>Shock detection<br>Secure boot | 316L stainless steel<br>ATEX, IECEx, EAC Ex, IA, PESO                               | Aluminum enclosure<br>NEC, CEC, ATEX, IECEx, INMETRO<br>4 sensors, 1 IP address<br>Vertical FoV 90°<br>Electronic image stabilization<br>Shock detection |

## Canon network cameras

29

|                                | VB-S910F                                                                                                                                                                        | VB-M50B                                                                                                                                                                                             | VB-H45                                                                                                                                                                                          | VB-H45B                                                                                                                                  | VB-M44                                                                                                                                                                                          | VB-M44B                                                                                                                                  | VB-S30D Mk II                                                                                                                                                                                     | VB-S31D Mk II                                                                                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                | <div>Only available in EMEA,<br/>US and Canada</div>                                           |                                                                                                                    | <div>Only available in EMEA,<br/>US and Canada</div>                                                           | <div>Only available in EMEA,<br/>US and Canada</div>  | <div>Only available in EMEA,<br/>US and Canada</div>                                                         | <div>Only available in EMEA,<br/>US and Canada</div>  | <div>Only available in EMEA,<br/>US and Canada</div>                                                           | <div>Only available in US and Canada</div>                                                                     |
| Max. video resolution (pixels) | 1920x1080 (2.1 MP)                                                                                                                                                              | 1280x960 (1.3 MP)                                                                                                                                                                                   | 1920x1080 (2.1 MP)                                                                                                                                                                              |                                                                                                                                          | 1280x960 (1.3 MP)                                                                                                                                                                               |                                                                                                                                          | 1920x1080 (2.1 MP)                                                                                                                                                                                | 1920x1080 (2.1 MP)                                                                                                                                                                                |
| Horizontal field of view       | 78.6° - 20.8°                                                                                                                                                                   | 15.6° - 3.2°                                                                                                                                                                                        | 60.4° - 3.2°                                                                                                                                                                                    |                                                                                                                                          | 60.4° - 3.2°                                                                                                                                                                                    |                                                                                                                                          | 77.7° - 20.7°                                                                                                                                                                                     | 95°                                                                                                                                                                                               |
| Image sensor                   | Progressive scan CMOS 1/4.85"                                                                                                                                                   | Progressive scan CMOS 1/3"                                                                                                                                                                          | Progressive scan CMOS 1/3"                                                                                                                                                                      |                                                                                                                                          | Progressive scan CMOS 1/3"                                                                                                                                                                      |                                                                                                                                          | Progressive scan CMOS 1/4.85"                                                                                                                                                                     | Progressive scan CMOS 1/3"                                                                                                                                                                        |
| Lens                           | 2.25 - 7.88 mm<br>F1.4 - F2.6<br>Autofocus<br>3.5x optical, 4x digital zoom                                                                                                     | 17.7 - 88.5 mm<br>F1.8 - F2.4<br>Autofocus<br>5x optical, 20x digital zoom                                                                                                                          | 4.7 - 94 mm<br>F1.6 - F3.5<br>Autofocus<br>20x optical, 20x digital zoom                                                                                                                        |                                                                                                                                          | 4.7 - 94 mm<br>F1.6 - F3.5<br>Autofocus<br>20x optical, 20x digital zoom                                                                                                                        |                                                                                                                                          | 2.25 - 7.88 mm<br>F1.4 - F2.6<br>Autofocus<br>3.5x optical, 4x digital zoom                                                                                                                       | 2.7 mm<br>F1.6<br>4x digital zoom                                                                                                                                                                 |
| Day and night                  | ✓                                                                                                                                                                               | ✓                                                                                                                                                                                                   | ✓                                                                                                                                                                                               |                                                                                                                                          | ✓                                                                                                                                                                                               |                                                                                                                                          | ✓                                                                                                                                                                                                 | ✓                                                                                                                                                                                                 |
| Min. illumination (lux)        | 0.95 (Color)<br>0.5 (B/W)                                                                                                                                                       | 0.04 (Color)<br>0.002 (B/W)                                                                                                                                                                         | 0.05 (Color)<br>0.003 (B/W)                                                                                                                                                                     |                                                                                                                                          | 0.05 (Color)<br>0.003 (B/W)                                                                                                                                                                     |                                                                                                                                          | 0.95 (Color)<br>0.5 (B/W)                                                                                                                                                                         | 0.45 (Color)<br>0.25 (B/W)                                                                                                                                                                        |
| Frames per second              | 30                                                                                                                                                                              | 30                                                                                                                                                                                                  | 30                                                                                                                                                                                              |                                                                                                                                          | 30                                                                                                                                                                                              |                                                                                                                                          | 30                                                                                                                                                                                                | 30                                                                                                                                                                                                |
| Pan/Tilt/Zoom                  | Digital PTZ                                                                                                                                                                     | 64 presets<br>348° pan<br>105° (-90° to +15°) tilt                                                                                                                                                  | 64 presets<br>340° pan<br>100° (-90° to +10°) tilt                                                                                                                                              |                                                                                                                                          | 64 presets<br>340° pan<br>100° (-90° to +10°) tilt                                                                                                                                              |                                                                                                                                          | 64 presets<br>350° pan<br>90° (-90° to 0°) tilt                                                                                                                                                   | 64 presets<br>350° pan<br>90° (-90° to 0°) tilt                                                                                                                                                   |
| Audio support                  | Two-way<br>(with built-in microphone)                                                                                                                                           | Two-way                                                                                                                                                                                             | Two-way                                                                                                                                                                                         |                                                                                                                                          | Two-way                                                                                                                                                                                         |                                                                                                                                          | ✓                                                                                                                                                                                                 | ✓                                                                                                                                                                                                 |
| Alarm in-/outputs              | 1/1                                                                                                                                                                             | 2/2                                                                                                                                                                                                 | 2/2                                                                                                                                                                                             |                                                                                                                                          | 2/2                                                                                                                                                                                             |                                                                                                                                          | 1/1                                                                                                                                                                                               | 1/1                                                                                                                                                                                               |
| Analytics                      | Moving Object Detection<br>Abandoned Object Detection<br>Removed Object Detection<br>Camera Tampering Detection<br>Passing Detection<br>Intrusion Detection<br>Volume Detection | Moving Object Detection<br>Abandoned Object Detection<br>Removed Object Detection<br>Camera Tampering Detection<br>Passing Detection<br>Intrusion Detection<br>Volume Detection<br>Scream Detection | Moving Object Detection<br>Abandoned Object Detection<br>Removed Object Detection<br>Camera Tampering Detection<br>Passing Detection, Intrusion Detection<br>Volume Detection, Scream Detection |                                                                                                                                          | Moving Object Detection<br>Abandoned Object Detection<br>Removed Object Detection<br>Camera Tampering Detection<br>Passing Detection, Intrusion Detection<br>Volume Detection, Scream Detection |                                                                                                                                          | Moving Object Detection<br>Abandoned Object Detection<br>Removed Object Detection<br>Camera Tampering Detection<br>Passing Detection<br>Intrusion Detection<br>Volume Detection, Scream Detection | Moving Object Detection<br>Abandoned Object Detection<br>Removed Object Detection<br>Camera Tampering Detection<br>Passing Detection<br>Intrusion Detection<br>Volume Detection, Scream Detection |
| Power                          | PoE IEEE 802.3af                                                                                                                                                                | AC/DC<br>PoE IEEE 802.3at Type1                                                                                                                                                                     | AC/DC<br>PoE IEEE 802.3at Type1                                                                                                                                                                 |                                                                                                                                          | AC/DC<br>PoE IEEE 802.3at Type1                                                                                                                                                                 |                                                                                                                                          | PoE IEEE 802.3at Type1                                                                                                                                                                            | PoE IEEE 802.3at Type1                                                                                                                                                                            |
| Outdoor ready                  | -                                                                                                                                                                               | -                                                                                                                                                                                                   | -                                                                                                                                                                                               |                                                                                                                                          | -                                                                                                                                                                                               |                                                                                                                                          | -                                                                                                                                                                                                 | -                                                                                                                                                                                                 |
| Other                          | Motion Adaptive Noise Reduction<br>Area-Specific Data Size Reduction (ADSR)<br>ONVIF Profile S                                                                                  | Large aperture telephoto lens<br>Clear IR Mode<br>Motion-Adaptive Noise Reduction,<br>Area-Specific Data Size Reduction (ADSR)<br>ONVIF Profile S & G                                               | Silver                                                                                                                                                                                          | Black                                                                                                                                    | Silver                                                                                                                                                                                          | Black                                                                                                                                    | Motion Adaptive Noise Reduction<br>Area-specific Data Size Reduction (ADSR)<br>ONVIF Profile S                                                                                                    | Motion Adaptive Noise Reduction<br>Area-specific Data Size Reduction (ADSR)<br>ONVIF Profile S                                                                                                    |
|                                |                                                                                                                                                                                 |                                                                                                                                                                                                     | Motion Adaptive Noise Reduction<br>Area-specific Data Size Reduction (ADSR)<br>ONVIF Profile S                                                                                                  |                                                                                                                                          | Motion Adaptive Noise Reduction<br>Area-specific Data Size Reduction (ADSR)<br>ONVIF Profile S                                                                                                  |                                                                                                                                          |                                                                                                                                                                                                   |                                                                                                                                                                                                   |

The background features a warm yellow and orange color scheme. Several interlocking gears of different sizes are visible, creating a mechanical or industrial feel. A prominent diagonal band, transitioning from a lighter yellow to a darker orange, cuts across the image from the bottom left towards the top right. The text is overlaid on the left side of this band.

# End-to-end solution with Axis video management software

Our vision for a smarter safer world comes together in our end-to-end solutions for security and surveillance. These complete Axis solutions are built with software and hardware from our large portfolio allowing you to benefit from the latest innovations and optimal performance.

[www.axis.com/solutions/end-to-end-solutions](http://www.axis.com/solutions/end-to-end-solutions)

## Video management software

31

### AXIS Companion

Professional video surveillance made simple.

With AXIS Companion, you can monitor your whole premises onsite, and even on-the-go using a mobile app with alert notifications. A tight integration of network cameras, audio, door stations and intercoms ensure you will get the most out of your surveillance system. Flexible options provide a reliable solution that's ready to scale for your business need.

[www.axis.com/products/axis-companion](http://www.axis.com/products/axis-companion)

### AXIS Camera Station

Protect your premises, improve your business.

AXIS Camera Station is a video and access control management software for surveillance and security. Retail stores, hotels, schools and manufacturing industries are just some of the companies that enjoy full control and protection of their premises and can quickly take care of incidents. All to make businesses run more smoothly. AXIS Camera Station matches our other network video products and features to offer you a complete, flexible, safe and reliable system.

[www.axis.com/products/axis-camera-station](http://www.axis.com/products/axis-camera-station)

|                                         | AXIS Companion                                                                                                                                      | AXIS Camera Station                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                         |                                                                  |                                                                                                                                                                                                                                                                               |
| <b>General</b>                          |                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                  |
| Product compatibility                   | 5.50 when used together with AXIS S3008 Recorder, otherwise 8.40                                                                                    | Axis total portfolio, third-party devices**                                                                                                                                                                                                                                                                                                                      |
| Supported OS                            | Windows, iOS, Android                                                                                                                               | Windows, iOS, Android                                                                                                                                                                                                                                                                                                                                            |
| Licenses                                | Free                                                                                                                                                | Licensed                                                                                                                                                                                                                                                                                                                                                         |
| Multi-site support                      | ✓                                                                                                                                                   | ✓                                                                                                                                                                                                                                                                                                                                                                |
| Live view                               | Up to 16 cameras (1,4,9 and 16 split views and full screen), Axis corridor format, camera sequence, digital PTZ, dewarp                             | Flexible live view configuration, support for prerecorded videos, Axis corridor format, camera sequence, digital PTZ, dewarp, door view, multiple monitors, hot spot, site map, web page, PTZ Control integration, timeline visualization with date and time                                                                                                     |
| Audio streaming                         | Two way audio streaming, full duplex for Axis network door station calls, half duplex for other Axis devices, echo cancellation and noise reduction | Two way audio streaming, full duplex for Axis devices, one way for third party cameras, echo cancellation, and noise reduction                                                                                                                                                                                                                                   |
| <b>Event management</b>                 |                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                  |
| Event triggers                          | Events triggered by AXIS Video Motion Detection, AXIS Guard Suite, AXIS Object Analytics, I/O                                                       | Various triggers including motion detection, active tampering alarm, system event and error, input/output, action button, AXIS Entry Manager event, external HTTPS and device event including AXIS Guard Suite, AXIS Perimeter Defender, Axis and third-party applications                                                                                       |
| Event action                            | Record, push notification to mobile devices.                                                                                                        | Record, visual notification, push notification to mobile devices, audible alert, switch to camera/view Go to PTZ preset, email, alarm procedure, external I/O acknowledgement of alarms, HTTP notification                                                                                                                                                       |
| <b>Security</b>                         |                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                  |
| Axis Secure remote access               | ✓                                                                                                                                                   | ✓                                                                                                                                                                                                                                                                                                                                                                |
| Event log                               | ✓                                                                                                                                                   | ✓                                                                                                                                                                                                                                                                                                                                                                |
| <b>Investigation and export</b>         |                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                  |
| Export                                  | Single images in jpeg, video sequences ASF or MP4, Installation-free stand alone player included, Digital signature on exported recordings          | Single images in jpeg, video sequences ASF, MP4 or MKV, Installation-free stand alone player included, Digital signature on exported recordings, Manual or scheduled export                                                                                                                                                                                      |
| Play back                               | Play back speed up to 8x, frame by frame, search for recordings based on camera, date and time via timeline visualization and video scrubbing       | Search for recordings based on camera, date and timeline visualization, smart search, video scrubbing, bookmarks, locking of prioritized recordings<br>Up to 64x or frame by frame<br>Up to 36 cameras synchronized playback                                                                                                                                     |
| <b>AXIS Camera Station Secure Entry</b> |                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                  |
| Access control                          | -                                                                                                                                                   | Configuration:<br>Cardholder with photo, support for Card, PIN and Duress PIN, QR code, cardholder groups, schedule door unlock, copy door configuration, card formats, identification method.<br>Management:<br>Qualified for 10,000 cardholders, access rules, zones, schedules, access verification, remote door control, access control event log with video |

\* Except for AXIS Camera station specific recorders, AXIS S11 series and AXIS S22 series

\*\*Support for key functions of the IEC 62676-2-3 standard

For Axis partner applications, please visit: [www.axis.com/products/video-management-software](http://www.axis.com/products/video-management-software)

## Video recorders

|                                             | AXIS S30                                                                                        | AXIS S22 Series                                                                                                                                                                                                       |                                                                                                                                                                                                                       |                                                                                                                                                                                                                       |                                                                                                                                                                                                                      | AXIS S11 Series                                                                                                                                              |                                                                                                   |                                                                                                                                                                                                                          |                                                                                                                                                                 |                                                                                                                                                                                             |
|---------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                             | AXIS S3008<br> | AXIS S2224<br>                                                                                                                       | AXIS S2216<br>                                                                                                                       | AXIS S2212<br>                                                                                                                      | AXIS S2208<br>                                                                                                                    | AXIS S1148<br>                                                            | AXIS S1132<br> | AXIS S1132 Tower<br>                                                                                                                  | AXIS S1116 Racked<br>                                                        | AXIS S1116 MT<br>                                                                                        |
| Licenses                                    | 0 included                                                                                      | 24 included                                                                                                                                                                                                           | 16 included                                                                                                                                                                                                           | 12 included                                                                                                                                                                                                           | 8 included                                                                                                                                                                                                           | 48 included                                                                                                                                                  | 32 included                                                                                       | 32 included                                                                                                                                                                                                              | 16 included                                                                                                                                                     | 16 included                                                                                                                                                                                 |
| Supported RAID levels<br>Default RAID level | -                                                                                               | 0, 1, 10<br>(No RAID by default)                                                                                                                                                                                      | 0, 1, 10<br>(No RAID by default)                                                                                                                                                                                      | Not supported                                                                                                                                                                                                         | Not supported                                                                                                                                                                                                        | 0, 1, 5, 6, 10<br>Default 24 TB: 5<br>64 TB: 5<br>140 TB: 6                                                                                                  | 0, 1, 5, 6, 10<br>Default: 5                                                                      | 0, 1, 5, 6, 10<br>Default: 5                                                                                                                                                                                             | 0, 1<br>(No RAID by default)                                                                                                                                    | 0, 1<br>(No RAID by default)                                                                                                                                                                |
| Recording storage                           | 2 / 4 / 8 TB                                                                                    | 12 TB (2x6 TB)                                                                                                                                                                                                        | 8 TB (2x4 TB)                                                                                                                                                                                                         | 6 TB (1x6 TB)                                                                                                                                                                                                         | 4 TB (1x4 TB)                                                                                                                                                                                                        | 24 TB: 6x4 TB<br>(20 TB usable space after RAID)<br>64 TB: 8x8 TB<br>(56 TB usable space after RAID)<br>144 TB: 12x12 TB<br>(120 TB usable space after RAID) | 4x 4TB<br>(12TB usable space after RAID)                                                          | 32 TB: 4x8 TB<br>(24 TB usable space after RAID)<br>64 TB: 8x8 TB<br>(56 TB usable space after RAID)                                                                                                                     | 8 TB (1x8 TB)                                                                                                                                                   | 8 TB (1x8 TB)                                                                                                                                                                               |
| Operating system                            | AXIS OS                                                                                         | Microsoft® Windows® 10 IoT Enterprise                                                                                                                                                                                 |                                                                                                                                                                                                                       |                                                                                                                                                                                                                       |                                                                                                                                                                                                                      |                                                                                                                                                              |                                                                                                   |                                                                                                                                                                                                                          |                                                                                                                                                                 |                                                                                                                                                                                             |
| Validated video streams                     | -                                                                                               | Live View:<br>1 stream x 4K at 30 FPS<br>4 split x 1080p at 15 FPS<br>9 split x 720p at 15 FPS<br>24 split x 360p at 5 FPS<br>Any of the above for max one 4K monitor<br>Playback:<br>Any of the above on one monitor | Live View:<br>1 stream x 4K at 30 FPS<br>4 split x 1080p at 15 FPS<br>9 split x 720p at 15 FPS<br>16 split x 360p at 5 FPS<br>Any of the above for max one 4K monitor<br>Playback:<br>Any of the above on one monitor | Live View:<br>1 stream x 4K at 30 FPS<br>4 split x 1080p at 15 FPS<br>9 split x 720p at 15 FPS<br>12 split x 360p at 5 FPS<br>Any of the above for max one 4K monitor<br>Playback:<br>Any of the above on one monitor | Live View:<br>1 stream x 4K at 30 FPS<br>4 split x 1080p at 15 FPS<br>8 split x 720p at 15 FPS<br>8 split x 360p at 5 FPS<br>Any of the above for max one 4K monitor<br>Playback:<br>Any of the above on one monitor | Not intended for local viewing of video. Recommended to use Axis workstations.                                                                               | Not intended for local viewing of video. Recommended to use Axis workstations.                    | Live view:<br>1 stream x 4K at 30 fps<br>4 split x 1080p at 30 fps<br>9 split x 720p at 15 fps<br>25 split x 360p at 15 fps<br>Any of the above for max two 4K monitors<br>Playback:<br>Any of the above on one monitors | Not intended for local viewing of video. Recommended to use Axis workstations.                                                                                  | Live View:<br>1 stream x 4K at 30 FPS<br>4 split x 1080p at 15 FPS<br>25 split x 360p at 5 FPS<br>Any of the above for max one 4K monitor<br>Playback:<br>Any of the above on one monitors  |
| Validated recording bitrate and doors       | Up to 8 video channels<br>160 Mbit/s                                                            | Up to 24 video channels and 48 doors<br>384 Mbit/s                                                                                                                                                                    | Up to 16 video channels and 32 doors<br>384 Mbit/s                                                                                                                                                                    | Up to 12 video channels and 24 doors<br>192 Mbit/s                                                                                                                                                                    | Up to 8 video channels and 16 doors<br>192 Mbit/s                                                                                                                                                                    | Up to 64 video channels and 128 doors<br>512 Mbit/s                                                                                                          | Up to 48 video channels and 96 doors<br>384 Mbit/s                                                | Up to 48 video channels and 96 doors<br>384 Mbit/s                                                                                                                                                                       | Up to 32 video channels and 64 doors<br>256 Mbit/s                                                                                                              | Up to 32 video channels and 64 doors<br>256 Mbit/s                                                                                                                                          |
| Redundant power supply                      | -                                                                                               | -                                                                                                                                                                                                                     | -                                                                                                                                                                                                                     | -                                                                                                                                                                                                                     | -                                                                                                                                                                                                                    | ✓                                                                                                                                                            | ✓                                                                                                 | ✓                                                                                                                                                                                                                        | -                                                                                                                                                               | -                                                                                                                                                                                           |
| Network connectors                          | Rear side:<br>8x PoE ports 100 Mbps<br>1x uplink 1 Gbps                                         | Rear side Switch:<br>24x PoE ports 100 Mbps<br>Uplinks:<br>1x SFP 1 Gbps<br>1x RJ45 1 Gbps<br>Rear side Server:<br>1x RJ45 1 Gbps                                                                                     | Rear side Switch:<br>16x PoE ports 100 Mbps<br>Uplinks:<br>1x SFP 1 Gbps<br>1x RJ45 1 Gbps<br>Rear side Server:<br>1x RJ45 1 Gbps                                                                                     | Rear side Switch:<br>12x PoE ports 100 Mbps<br>Uplinks:<br>1x SFP 1 Gbps<br>1x RJ45 1 Gbps<br>Rear side Server:<br>1x RJ45 1 Gbps                                                                                     | Rear side Switch:<br>8x PoE ports 100 Mbps<br>Uplinks:<br>1x SFP 1 Gbps<br>1x RJ45 1 Gbps<br>Rear side Server:<br>1x RJ45 1 Gbps                                                                                     | Rear side:<br>2x RJ45 1 Gbps                                                                                                                                 | Rear side:<br>2x RJ45 1 Gbps                                                                      | Rear side:<br>2x RJ45 1 Gbps                                                                                                                                                                                             | Rear side:<br>1x RJ45 1 Gbps<br>1x RJ45 10 Gbps                                                                                                                 | Rear side:<br>1x RJ45 1 Gbps                                                                                                                                                                |
| Other connectors                            | Side:<br>1x USB 3.0                                                                             | Front side:<br>1x USB 3.0<br>1x Audio line in<br>1x Audio line out<br>Rear side Server:<br>2x USB 2.0<br>1 Displayport™<br>1 HDMI port                                                                                | Front side:<br>1x USB 3.0<br>1x Audio line in<br>1x Audio line out<br>Rear side Server:<br>2x USB 2.0<br>1 Displayport™<br>1 HDMI port                                                                                | Front side:<br>1x USB 3.0<br>1x Audio line in<br>1x Audio line out<br>Rear side Server:<br>2x USB 2.0<br>1 Displayport™<br>1 HDMI port                                                                                | Front side:<br>1x USB 3.0<br>1x Audio line in<br>1x Audio line out<br>Rear side Server:<br>2x USB 2.0<br>1 Displayport™<br>1 HDMI port                                                                               | Front side:<br>1x USB 3.1 Type-C<br>2x USB 2.0<br>1x VGA<br>Rear side:<br>2x USB 3.1<br>1x VGA<br>1x Serial port                                             | Front side:<br>1x USB 2.0<br>Rear side:<br>2x USB 2.0<br>1x VGA<br>1x Serial port                 | Front side: 1x USB 3.1<br>Rear side:<br>2x USB 3.1<br>4x USB 2.0<br>3x Mini DisplayPort™<br>(max two monitors recommended)                                                                                               | Front side: 2x USB 3.1<br>1x USB 3.1 Type-C<br>1x Universal audio jack<br>1x SD card reader<br>Rear side:<br>2x USB 3.1 Type-C / DisplayPort™<br>1x Serial port | Front side:<br>1x Universal audio jack<br>2x USB 2.0, 1x USB 3.1<br>1x USB 3.1 Type-C<br>Rear side:<br>2x USB 2.0, 4x USB 3.1<br>2x DisplayPort™ 1.2<br>1x Audio line out<br>1x Serial port |
| Supported monitors                          | 0                                                                                               | Live view: 2                                                                                                                                                                                                          | Live view: 2                                                                                                                                                                                                          | Live view: 2                                                                                                                                                                                                          | Live view: 2                                                                                                                                                                                                         | Complete with workstation                                                                                                                                    | Complete with workstation                                                                         | Live view: 2                                                                                                                                                                                                             | Complete with workstation                                                                                                                                       | Live view: 2                                                                                                                                                                                |
| Mounting accessories                        | AXIS TS3001 Recorder Mount (not included).<br>AXIS TW8100 Rack Mount (not included)             | Rack rails                                                                                                                                                                                                            | Rack rails                                                                                                                                                                                                            | AXIS TS2901 Appliance Stand (not included)                                                                                                                                                                            | AXIS TS2901 Appliance Stand (not included)                                                                                                                                                                           | Rack rails                                                                                                                                                   | Rack rails                                                                                        | -                                                                                                                                                                                                                        | Rack rails                                                                                                                                                      | -                                                                                                                                                                                           |

## Video recorders

|                    | Workstations                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                  |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | AXIS S9101 MkII<br>                                                                                                                      | AXIS S9002 Mk II<br>                                                                                                                                                                            |
| Included software  | AXIS Camera Station client                                                                                                                                                                                                | AXIS Camera Station client                                                                                                                                                                                                                                                       |
| Operating system   | Microsoft® Windows® 10 IoT Enterprise                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                  |
| Live video streams | Live view:<br>1 stream x 4K at 30 fps<br>4 split x 1080p at 30 fps<br>9 split x 720p at 30 fps<br>25 split x 360p at 15 fps<br>Any of the above for max one 4K monitor<br>Playback:<br>Any of the above on one 4K monitor | Live view:<br>1 stream x 4K at 25 fps<br>4 split x 1080p at 20 fps<br>9 split x 720p at 15 fps<br>Any of the above for max four 4K monitor<br>Playback:<br>Limited to 1 monitor but supports the same split scenarios as for live view                                           |
| Power              | Max: 60 W AC Adapter<br>100 – 240 V AC                                                                                                                                                                                    | Max: 300 W<br>100 – 240 V AC                                                                                                                                                                                                                                                     |
| Connectors         | Front side:<br>2x USB 3.1<br>1x Audio line in<br>1x Audio line out<br>Rear side:<br>2x USB 3.1<br>1x RJ45 Gbps<br>2x DisplayPort™ 1.2                                                                                     | Front side:<br>1x USB 3.1<br>1x USB 3.1 Type-C<br>2x USB 2.0<br>1x Universal audio jack<br>Rear side:<br>4x USB 3.1<br>2x USB 2.0<br>2x DisplayPort™ 1.2 (not preferred) 4x Mini DisplayPort™<br>1x RJ45 1 Gbps<br>1x Audio line out 1x Serial port PS2 Mouse and keyboard ports |
| Supported monitors | 2                                                                                                                                                                                                                         | 4                                                                                                                                                                                                                                                                                |
| Included services  | Standard replacement service (RMA)                                                                                                                                                                                        | Onsite hardware replacement service                                                                                                                                                                                                                                              |
| Other              | Can complement<br>AXIS S1116 Racked,<br>AXIS S1132 or AXIS S1148                                                                                                                                                          | Can complement<br>AXIS S1116 Racked,<br>AXIS S1132 or AXIS S1148                                                                                                                                                                                                                 |

## System devices

33

|                                                                                       |                                                                                                       |                                                                                                                  |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|    | <b>People counters</b><br>People counting for operational efficiency                                  | AXIS P8815-2 3D People Counter                                                                                   |
|    | <b>I/O devices</b><br>Enhanced security with wired sensors for both indoor and outdoor                | AXIS T834 Wireless I/O Series<br>AXIS P8221 Network I/O Audio Module<br>AXIS A91 Network I/O Relay Module Series |
|    | <b>Decoders</b><br>Make it possible to display multiple camera video streams to a public view monitor | AXIS P7701 Video Decoder<br>AXIS T8705 Video Decoder                                                             |
|  | <b>Security radars</b><br>Accurate breach detection                                                   | AXIS D2110-VE Security Radar                                                                                     |
|  | <b>Audio/Visual alerters</b><br>Signal and alarm with the power of light and sound                    | AXIS D4100-E Network Strobe Siren                                                                                |

# System devices

34

|                                              | Network switches                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|----------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                              | AXIS T8524                                                                        | AXIS T8516                                                                        | AXIS T8508                                                                        | AXIS T8504-E                                                                      | AXIS T8504-R                                                                        | AXIS D8004                                                                          |
|                                              |  |  |  |  |  |  |
| Power over Ethernet+ (PoE+) Port Count       | 24                                                                                | 16                                                                                | 8                                                                                 | 4 (2x PoE++)                                                                      | 4 (4x PoE++)                                                                        | 4                                                                                   |
| Power over Ethernet (PoE) total output power | 370 W                                                                             | 240 W                                                                             | 130 W                                                                             | 150 W                                                                             | 240 W                                                                               | 60 W                                                                                |
| SPF enabler                                  | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                   | ✓                                                                                   |
| Gigabit Ethernet                             | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                   | -                                                                                   |
| Rack mount                                   | ✓                                                                                 | ✓                                                                                 | With AXIS T85 Rack Mount Kit A                                                    | -                                                                                 | -                                                                                   | -                                                                                   |
| Outdoor ready                                | -                                                                                 | -                                                                                 | -                                                                                 | ✓                                                                                 | -                                                                                   | -                                                                                   |

|                            | Video encoders                                                                      |                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                            | AXIS 291 1U                                                                         | AXIS Q7920                                                                            |
|                            |  |    |
| Number of slots            | 3                                                                                   | 14                                                                                    |
| Blades supported           | AXIS Q7436                                                                          | AXIS Q7436                                                                            |
| Maximum number of channels | 18                                                                                  | 84                                                                                    |
| Rack size                  | 1U                                                                                  | 5U                                                                                    |
| Rack width (inch)          | 19                                                                                  | 19                                                                                    |
| Built-in power supply      | Power supply                                                                        | Two redundant power supplies                                                          |
| Network                    | One Ethernet 10BASE-T/100BASE-TX/1000BASE-T (Gigabit Ethernet) port                 | Four Ethernet 10BASE-T/100BASE-TX/1000BASE-T (Gigabit Ethernet) ports, Four SFP slots |

## System devices

35

|                                     | Video encoders                                                                            |                                                                                                                                                         |                                                                                                                                                         |                                                                                           |                                                                                           |
|-------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|                                     | AXIS Q7436                                                                                | AXIS P7316                                                                                                                                              | AXIS P7304                                                                                                                                              | AXIS M7116                                                                                | AXIS M7104                                                                                |
|                                     |          |                                                                        |                                                                      |        |        |
| Max. video resolution               | 720x480 (NTSC)<br>720x576 (PAL)                                                           | 720x480 (NTSC)<br>720x576 (PAL)<br>TVI, high definition CVI and high definition analog HD<br>(1280x720 and 1920x1080)<br>4xone channel 4K<br>13840x2160 | 720x480 (NTSC)<br>720x576 (PAL)<br>TVI, high definition CVI and high definition analog HD<br>(1280x720 and 1920x1080)<br>4xone channel 4K<br>13840x2160 | 720x480 (NTSC)<br>720x576 (PAL)                                                           | 720x480 (NTSC)<br>720x576 (PAL)                                                           |
| Max. frames per second              | 50/60                                                                                     | 25/30                                                                                                                                                   | 25/30                                                                                                                                                   | 25/30                                                                                     | 25/30                                                                                     |
| Video source (BNC composite inputs) | 6                                                                                         | 16                                                                                                                                                      | 4                                                                                                                                                       | 16                                                                                        | 4                                                                                         |
| Audio support                       | -                                                                                         | ✓                                                                                                                                                       | ✓                                                                                                                                                       | -                                                                                         | -                                                                                         |
| Configurable in-/outputs            | 2 per channel                                                                             | 4                                                                                                                                                       | 4                                                                                                                                                       | -                                                                                         | -                                                                                         |
| Product specific analytics          | AXIS Video Motion Detection<br>Active tampering alarm<br>AXIS Camera Application Platform | Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm<br>AXIS Camera Application Platform                                            | Audio detection<br>AXIS Video Motion Detection<br>Active tampering alarm<br>AXIS Camera Application Platform                                            | AXIS Video Motion Detection<br>Active tampering alarm<br>AXIS Camera Application Platform | AXIS Video Motion Detection<br>Active tampering alarm<br>AXIS Camera Application Platform |
| Pan/tilt/zoom support               | ✓                                                                                         | ✓                                                                                                                                                       | ✓                                                                                                                                                       | ✓                                                                                         | ✓                                                                                         |
| Power                               | DC                                                                                        | Power supply included                                                                                                                                   | PoE, DC                                                                                                                                                 | AXIS PS-P power supply (included)                                                         | PoE, DC                                                                                   |
| Serial connectors                   | RS-485                                                                                    | RS-422/RS-485                                                                                                                                           | RS-422/RS-485                                                                                                                                           | RS-422/RS-485                                                                             | RS-422/RS-485                                                                             |
| Type                                | Blade                                                                                     | Standalone, Rackmount                                                                                                                                   | Standalone                                                                                                                                              | Standalone, Rackmount                                                                     | Standalone                                                                                |
| Special features                    | Zipstream<br>Coax PTZ control                                                             | Zipstream<br>HD Analog support up to 4K                                                                                                                 | Zipstream<br>HD Analog support up to 4K                                                                                                                 | Zipstream                                                                                 | Zipstream                                                                                 |

# Access control

36

## Network door controllers

|                              | AXIS A1001 Entry Manager                                                          | AXIS A1001 Partner                                                                | AXIS A1601                                                                         |
|------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|                              |  |  |  |
| ONVIF Profile                | A and C                                                                           | A and C                                                                           | A and C                                                                            |
| Door controllers per system  | 33                                                                                | Integration dependent                                                             | Integration dependent                                                              |
| Readers per system           | 66                                                                                | Integration dependent                                                             | Integration dependent                                                              |
| Wired readers per controller | ≤ 2 (Wiegand, RS485, (OSDP) )                                                     | ≤ 2 (Wiegand, RS485, (OSDP) )                                                     | ≤ 2 (Wiegand, RS485, (OSDP) )                                                      |
| Wireless lock                | ASSA ABLOY Aperio® wireless lock & SimonsVoss SmartIntego wireless lock           | ASSA ABLOY Aperio® wireless lock & SimonsVoss SmartIntego wireless lock           | ASSA ABLOY Aperio® wireless lock & SimonsVoss SmartIntego wireless lock            |
| Credentials per controller   | ≤ 400                                                                             | ≤ 50 000                                                                          | ≤ 70 000                                                                           |
| Number of power out & relays | 2 DC lock outputs & 1 solid state relay                                           | 2 DC lock outputs & 1 solid state relay                                           | 2 form C relays                                                                    |
| Number of I/Os               | 2                                                                                 | 2                                                                                 | 6                                                                                  |
| Power                        | DC, PoE Class 3                                                                   | DC, PoE Class 3                                                                   | DC, PoE Class 4                                                                    |
| Plenum rated                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                  |
| UL 294                       | ✓                                                                                 | ✓                                                                                 | ✓                                                                                  |
| Operating temperature        | 0 °C to 50 °C (32 °F to 122 °F)                                                   | 0 °C to 50 °C (32 °F to 122 °F)                                                   | -40 °C to 55 °C (-40 °F to 131 °F)                                                 |

## Network I/O relay modules

|                  | AXIS A9188                                                                          | AXIS A9188-VE                                                                       | AXIS A9161                                                                          |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                  |  |  |  |
| Number of I/Os   | 8                                                                                   | 8                                                                                   | 6                                                                                   |
| Number of relays | 8                                                                                   | 8                                                                                   | 1                                                                                   |
| Power in         | DC, PoE Class 3, PoE Class 4                                                        | DC, PoE Class 3, PoE Class 4                                                        | DC, PoE Class 3                                                                     |
| Power out        | DC                                                                                  | DC                                                                                  | DC                                                                                  |
| Outdoor ready    | -                                                                                   | ✓                                                                                   | -                                                                                   |
| Approvals        | -                                                                                   | UL 294                                                                              | -                                                                                   |
| ACAP support     | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   |

## Readers

|                        | AXIS A4120-E                                                                        | AXIS A4020-E                                                                        | AXIS Barcode Reader                                                                                                                                                        |
|------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        |  |  |                                                                                         |
| Keypad                 | ✓                                                                                   | -                                                                                   | ACAP solution for reading QR code credentials. For installation on select Axis network cameras and intercoms. For more information, see link to web on page 43, Analytics. |
| LED symbols            | ✓                                                                                   | LED Strip                                                                           |                                                                                                                                                                            |
| RS485(OSDP)            | ✓                                                                                   | ✓                                                                                   |                                                                                                                                                                            |
| Secure channel support | ✓                                                                                   | ✓                                                                                   |                                                                                                                                                                            |
| Power                  | 12V                                                                                 | 12V                                                                                 |                                                                                                                                                                            |
| Outdoor ready          | IP66, IK07                                                                          | IP65                                                                                |                                                                                                                                                                            |
| UL 294                 | ✓                                                                                   | ✓                                                                                   |                                                                                                                                                                            |

## Credentials

|                         | AXIS TA4701 Access Card                                                               | AXIS TA4702 Key Fob                                                                   |
|-------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                         |  |  |
| RFID technology         | MIFARE® DESFire® EV2                                                                  | MIFARE® DESFire® EV2                                                                  |
| RFID frequency          | 13.56 MHz                                                                             | 13.56 MHz                                                                             |
| Memory                  | 2 kB                                                                                  | 2 kB                                                                                  |
| Outdoor ready approvals | IP68                                                                                  | IP67, IK09                                                                            |
| Material                | 100% recycled PET-G                                                                   | Plastic and stainless steel                                                           |

## Network intercoms

|                                      | Network intercoms                                                                                        |                                                                                                     |                                                                                                                            |
|--------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|                                      | AXIS A8207-VE Mk II<br> | AXIS A8105-E<br> | AXIS I8016-LVE<br>                      |
| Max. video resolution                | 3072x2048 (6.3 MP)                                                                                       | 1920x1200                                                                                           | 2592x1944                                                                                                                  |
| Horizontal field of view             | 180°                                                                                                     | 180°                                                                                                | 140°                                                                                                                       |
| Dimensions<br>(H x D x W)            | 248 x 106 x 51 mm<br>(9 3/4 x 4 3/16 x 2 in)                                                             | 147.5 x 35 x 48 mm<br>(5.81 x 1.38 x 1.89 in)                                                       | 124 x 124 mm<br>(4.9 in X 4.9 in)                                                                                          |
| Max. frames per second               | 25/30                                                                                                    | 50/30                                                                                               | 30/25                                                                                                                      |
| Min. illumination (lux)<br>Color/B&W | 0.55/-                                                                                                   | 1.96/-                                                                                              | 0.16/0.00                                                                                                                  |
| Audio support                        | ✓                                                                                                        | ✓                                                                                                   | ✓                                                                                                                          |
| Built-in mic                         | ✓                                                                                                        | ✓                                                                                                   | ✓                                                                                                                          |
| Built-in speaker                     | ✓                                                                                                        | ✓                                                                                                   | ✓                                                                                                                          |
| Ports                                | 2x Relay output, 4x I/O, Line in/out                                                                     | 1x Relay output, 2x I/O                                                                             | 1x Relay output, 2x I/O, Line-in/out                                                                                       |
| Reader                               | RFID Reader<br>(with HID® iClass® support)                                                               | -                                                                                                   | -                                                                                                                          |
| Reader protocol                      | Wiegand, RS485 (OSDP),<br>VAPIX® Reader Interface                                                        | -                                                                                                   | -                                                                                                                          |
| Included analytics                   | AXIS Guard Suite, Audio detection, Shock detection,<br>AXIS Video Motion Detection                       | AXIS Guard Suite, Audio detection, Shock detection,<br>AXIS Video Motion Detection                  | Audio detection, Shock detection,<br>AXIS Video Motion Detection                                                           |
| Power                                | DC, PoE Class 3, PoE Class 4                                                                             | PoE Class 3                                                                                         | PoE Class 3                                                                                                                |
| Operating temperature                | -40 °C to 55 °C (-40 °F to 131 °F)                                                                       | -25 °C to 55 °C (-13 °F to 131 °F)                                                                  | -40 °C to 60 °C (-40 °F to 140 °F)                                                                                         |
| Outdoor ready approvals              | IP66/NEMA 4X                                                                                             | IP65/NEMA 4X                                                                                        | IP66/IP69 (when using wall mount), NEMA 4X                                                                                 |
| WDR                                  | Forensic WDR                                                                                             | Forensic Capture                                                                                    | Forensic WDR                                                                                                               |
| Zipstream                            | ✓                                                                                                        | ✓                                                                                                   | ✓                                                                                                                          |
| SIP (VoIP)                           | ✓                                                                                                        | ✓                                                                                                   | ✓                                                                                                                          |
| Special features                     | ACAP, IK08, T-coil, Pictograms,<br>Keypad, HDMI, Secure Boot, UL294                                      | ACAP, Mullion style installation, UL294                                                             | ACAP, Pictograms, Suitable with US<br>2-gang box, IK10, Anti-ligature, Secure boot,<br>FIPS 140-2 certified TPM 2.0 module |

## Network audio

38

## Network speakers

|                          | AXIS C1310-E<br> | AXIS C1410<br> | AXIS C1004-E<br> |
|--------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Voice announcements      | ✓                                                                                                 | ✓                                                                                               | ✓                                                                                                   |
| Onboard audio clips      | ✓                                                                                                 | ✓                                                                                               | ✓                                                                                                   |
| Background music         | -                                                                                                 | ✓                                                                                               | ✓                                                                                                   |
| Power                    | PoE                                                                                               | PoE                                                                                             | PoE                                                                                                 |
| Max sound pressure level | >121 dB                                                                                           | >90 dB                                                                                          | >96 dB                                                                                              |
| Frequency response       | 280 Hz - 12.5 kHz                                                                                 | 100 Hz - 20 kHz                                                                                 | 60 Hz - 20 kHz                                                                                      |
| Coverage pattern         | 70° horizontal by 100° vertical                                                                   | 145° coaxial                                                                                    | 130° horizontal by 100° vertical                                                                    |
| Memory card slot         | -                                                                                                 | -                                                                                               | ✓                                                                                                   |
| In-/output ports         | 1/1                                                                                               | -                                                                                               | -                                                                                                   |
| PIR sensor               | -                                                                                                 | ✓                                                                                               | -                                                                                                   |
| Built-in mic             | ✓                                                                                                 | ✓                                                                                               | ✓                                                                                                   |
| IP rating                | IP67                                                                                              | -                                                                                               | IP45                                                                                                |
| Outdoor ready            | ✓                                                                                                 | -                                                                                               | Semi outdoor ready                                                                                  |
| Special features         | AXIS Audio Manager Edge included, VAPIX, ACAP, SIP                                                | AXIS Audio Manager Edge included, VAPIX, ACAP, SIP                                              | AXIS Audio Manager Edge included, VAPIX, ACAP, SIP                                                  |

## Audio system devices

|                     | AXIS C8210 Network Audio Amplifier<br> | AXIS C8110 Network Audio Bridge<br> |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Built-in amplifier  | ✓                                                                                                                         | -                                                                                                                      |
| Audio input         | Mic in<br>3-pole 3.5 mm jack                                                                                              | Line level<br>3-pole 3.5 mm jack                                                                                       |
| Audio output        | Speaker out<br>2-pole 5.08 mm                                                                                             | Line level<br>RCA R+L                                                                                                  |
| Voice announcements | ✓                                                                                                                         | ✓                                                                                                                      |
| Onboard audio clips | ✓                                                                                                                         | ✓                                                                                                                      |
| Background music    | ✓                                                                                                                         | ✓                                                                                                                      |
| Configurable I/O:s  | 2                                                                                                                         | 2                                                                                                                      |
| Power               | PoE+                                                                                                                      | PoE, DC                                                                                                                |
| Memory card slot    | ✓                                                                                                                         | ✓                                                                                                                      |
| Built-in mic        | -                                                                                                                         | -                                                                                                                      |
| IP rating           | IP20                                                                                                                      | IP20                                                                                                                   |
| Outdoor ready       | -                                                                                                                         | -                                                                                                                      |
| Special features    | AXIS Audio Manager Edge included, VAPIX, ACAP, SIP                                                                        | AXIS Audio Manager Edge included, VAPIX, ACAP, SIP                                                                     |

NEW

## Network audio

39

| Network microphone   |                                                                                                 |
|----------------------|-------------------------------------------------------------------------------------------------|
|                      | 2N SIP Mic<br> |
| Microphone type      | Paging console                                                                                  |
| Configurable buttons | 12                                                                                              |
| Voice announcements  | ✓                                                                                               |
| Onboard audio clips  | ✓                                                                                               |
| Power                | PoE, DC                                                                                         |
| Frequency response   | 400 Hz – 7.5 kHz (~10 dB),<br>275 Hz – 12 kHz (~20 dB)                                          |
| Memory card slot     | -                                                                                               |
| Outdoor ready        | -                                                                                               |
| Special features     | VAPIX, SIP                                                                                      |

|                         | Audio management software                                                                                                                                                                                                |                                                                                                                                                               |                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|                         | AXIS Audio Manager Edge<br>                                                                                                            | AXIS Audio Manager Pro<br>                                                 | AXIS Audio Manager Pro C7050 MkII<br> |
|                         | Please note; AXIS Audio Manager Edge is built-in on Axis network speakers and audio system devices. AXIS Audio Manager Pro is the standalone software while AXIS Audio Manager Pro C7050 MkII also includes PC hardware. |                                                                                                                                                               |                                                                                                                          |
| Number of speakers      | 200                                                                                                                                                                                                                      | 5000                                                                                                                                                          | 5000                                                                                                                     |
| Number of zones         | 20                                                                                                                                                                                                                       | 100                                                                                                                                                           | 100                                                                                                                      |
| Scheduling              | Weekly                                                                                                                                                                                                                   | Advanced                                                                                                                                                      | Advanced                                                                                                                 |
| Content management      | ✓                                                                                                                                                                                                                        | ✓                                                                                                                                                             | ✓                                                                                                                        |
| Licences included       | ✓                                                                                                                                                                                                                        | ✓                                                                                                                                                             | ✓                                                                                                                        |
| Hardware                | -                                                                                                                                                                                                                        | Minimum requirement on PC hardware<br>As C7050 or better                                                                                                      | Intel® Pentium® Gold G5400T                                                                                              |
| Storage                 | -                                                                                                                                                                                                                        | 128 GB required                                                                                                                                               | 128 GB SSD included                                                                                                      |
| Operating system        | -                                                                                                                                                                                                                        | Supported OS:<br>Microsoft Windows 10,<br>Windows Server 2016,<br>Windows Server 2019                                                                         | Included OS:<br>Microsoft Windows 10 IoT                                                                                 |
| Virtual Machine support | -                                                                                                                                                                                                                        | VMWare ESXi,<br>Microsoft Hyper-V,<br>Microsoft Windows Datacenter<br>With configuration and resources allocated similar to the minimum hardware requirements | -                                                                                                                        |



## Axis body worn camera solution

The Axis body worn camera solution includes a lightweight and robust camera, docking stations (8-bay or 1-bay), a system controller, a video management system (VMS) or an evidence management system (EMS). However, open standards make the hardware system easy to integrate with any VMS or EMS, including users' existing systems. So it is flexible and highly scalable. The fact that the docking station and system controller are separate units further increases scalability. All data is encrypted both at rest and in transfer using AES256 and TLS. In addition, video data can be fully end-to-end encrypted with specific integrations.

- > Easy integration with any VMS, EMS
- > Scalable and cost effective
- > Fast reliable video and data offloading
- > Meets FBI cybersecurity standards

| Body worn                                                                                                         |                                                                                   |
|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| AXIS W101 Body Worn Camera<br> |                                                                                   |
| Max. video resolution                                                                                             | 1920x1080                                                                         |
| Image sensor size and sensitivity/<br>Lens/Horizontal field of view                                               | 1/2.9", 0.1 lux<br>2.1 mm, F2.1<br>141°                                           |
| Day and night                                                                                                     | -                                                                                 |
| Max. frames per second                                                                                            | 30                                                                                |
| Audio support/Built-in mic                                                                                        | - / 2                                                                             |
| Battery                                                                                                           | 3600mAh                                                                           |
| Operating temperature                                                                                             | -20 °C to 55 °C<br>(-4 °F to 131 °F)                                              |
| Outdoor ready approvals                                                                                           | IP67                                                                              |
| Lightfinder                                                                                                       | -                                                                                 |
| Zipstream for body worn/<br>H.264/H.265                                                                           | ✓ / ✓ / -                                                                         |
| OptimizedIR/Built-in IR                                                                                           | -                                                                                 |
| Recording time                                                                                                    | Typical 12h operating time<br>Up to 17h operating time, Up to 30h<br>storage time |
| Storage size/Encryption                                                                                           | 64GB<br>AES256                                                                    |
| Positioning system                                                                                                | GPS, Galileo, GLONASS                                                             |
| Sensors                                                                                                           | 6-axis gyro and accelerometer                                                     |
| Wireless                                                                                                          | IEEE 802.11 b/g/n<br>BLE 4.1                                                      |

| Body worn                                                                                                                          |                                         |                                         |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| AXIS TW1200 Body Worn<br>Mini Bullet Sensor<br> |                                         |                                         |
| AXIS TW1201 Body Worn<br>Mini Cube Sensor<br>   |                                         |                                         |
| Max. video resolution                                                                                                              | 1920x1080                               | 1920x1080                               |
| Image sensor size and sensitivity/<br>Lens/Horizontal field of view                                                                | 1/2.9", 0.1 lux<br>2.1 mm, F2.1<br>141° | 1/2.9", 0.1 lux<br>2.1 mm, F2.1<br>141° |
| Day and night                                                                                                                      | -                                       | -                                       |
| Max. frames per second                                                                                                             | 30                                      | 30                                      |
| Audio support/Built-in mic                                                                                                         | - / -                                   | - / -                                   |
| Operating temperature                                                                                                              | -20 °C to 55 °C<br>(-4 °F to 131 °F)    | -20 °C to 55 °C<br>(-4 °F to 131 °F)    |
| Outdoor ready approvals                                                                                                            | IP67                                    | IP54                                    |
| Lightfinder                                                                                                                        | -                                       | -                                       |
| Zipstream for body worn/<br>H.264/H.265                                                                                            | ✓ / ✓ / -                               | ✓ / ✓ / -                               |
| OptimizedIR/Built-in IR                                                                                                            | -                                       | -                                       |

| Body worn                                                                                                            |                                                                                      |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| AXIS W800 System Controller<br> |                                                                                      |
| Storage size/Encryption                                                                                              | 480 GB<br>AES256                                                                     |
| Power                                                                                                                | Max 16W<br>12 V DC                                                                   |
| Connectors                                                                                                           | Uplink: RJ45 10/100/1000 Mbps<br>Device network: 5x RJ45 10/100/1000 Mbps<br>USB 2.0 |
| Operating temperature                                                                                                | 0 °C to 40 °C                                                                        |

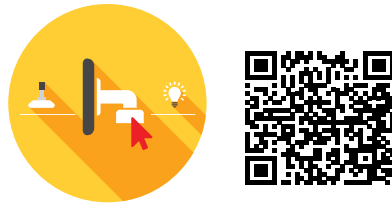
## Everything you need to complete your systems

We offer a complete range of high-quality accessories to complement your network video, audio, access control, and intercom systems.

### Accessory selector

Go to the Accessory selector to find the right accessories for your Axis products.

[www.axis.com/products/accessory-selector](http://www.axis.com/products/accessory-selector)



### Storage

Reliable storage on hard drives or SD cards.



### Illuminators

White and infra-red led illuminators.



### Housings and cabinets

Protective housing and enclosures for cameras and accessories.



### Mounts

All you need to complete your installation.



### Lenses

Optional lenses to meet special requirements.



### Power and connectivity

All you need to power your system and connect its components.



### Tools and extras

Tools and accessories to manage, maintain and wash your Axis product.



### Joysticks and keypads

Modular control board for professional camera and video management.



### Wearables accessories

Accessories for body worn cameras.



### Audio

Audio accessories for your system.



### Canon accessories

These accessories are designed to fit with Canon cameras and enable the cameras to be mounted in various indoor and outdoor situations.





# Intuitive. Insightful. Open.

Smooth integration, setup, and day-to-day use. Gain easy access to all the information you need, thanks to analytics on the edge and an open system. We offer excellent support, and an intuitive user experience built on our deep knowledge in image processing.

## Analytics for security and safety

### Perimeter and area security

- ◆ AXIS Object Analytics
- ◆ AXIS Perimeter Defender
- ◆ AXIS Video Motion Detection

### AXIS Guard Suite

- ◆ AXIS Fence Guard
- ◆ AXIS Loitering Guard
- ◆ AXIS Motion Guard

### License plate recognition

- ◆ AXIS License Plate Verifier

### Privacy protection

- ◆ AXIS Live Privacy Shield

### Loss prevention

- ◆ AXIS Face Detector

## Analytics for operational efficiency

### Business intelligence

- ◆ AXIS People Counter\*
- ◆ AXIS P8815-2 3D People Counter\*
- ◆ AXIS Queue Monitor\*

### License plate recognition

- ◆ AXIS License Plate Verifier

### Access control

- ◆ AXIS Barcode Reader

### Privacy protection

- ◆ AXIS Live Privacy Shield

### Applications for data management

- ◆ AXIS Store Reporter
- ◆ AXIS Store Data Manager

*Applications for data management are compatible with products marked with an asterisk (\*).*

## Easy access to actionable insights

Find your way to our product by clicking on the product icons or contact a sales office near you. You will find the closest one [here](#).



[AXIS Object Analytics](#)



[AXIS Perimeter Defender](#)



[AXIS License Plate Verifier](#)



[AXIS People Counter](#)



[AXIS Queue Monitor](#)



[AXIS Fence Guard](#)



[AXIS Loitering Guard](#)



[AXIS Barcode Reader](#)



[AXIS Video Motion Detection](#)



[AXIS P8815-2 3D People Counter](#)



[AXIS Motion Guard](#)



[AXIS Face Detector](#)



[AXIS Live Privacy Shield](#)

## AXIS Camera Application Platform

Add value with a wide range of compatible applications from our partners

AXIS Camera Application Platform (ACAP), launched 2009, is a well-established open application platform. ACAP is supported by many Axis devices, such as, cameras, speakers, intercoms and radar products and opens the door to a broad selection of security, safety, and operational efficiency applications. The open application platform allows you to install apps from Axis and our partners to meet your specific needs.



For more information, please go to:  
[AXIS Camera Application Platform \(ACAP\)](#)

## Cybersecurity

43

Axis helps you to safeguard your system and reduce the risk of cyberattacks with technologies, tools, services and guidance. We highlight some of the support we provide below:

### Built-in cybersecurity features

A variety of Axis network products support some or all of the following features. See more details [here](#)



**Axis Edge Vault** for tamper-proof storage of cryptographic keys and sensitive data.



**Signed video** for verifying that the footage hasn't been tampered with after leaving the camera.



**Signed firmware** to guarantee the firmware is from Axis and hasn't been compromised.



**Secure boot** to block and reject unauthenticated firmware during the boot process.

### Firmware



Keeping your device firmware updated is essential in a robust approach to cybersecurity. Our operating system, [AXIS OS](#), gives you the choice to upgrade firmware based on two tracks. The long-term support (LTS) track is focused on improving cybersecurity and stability, while the active track provides new features in addition to improving cybersecurity and stability.

### Device management tools

The tools below help you to efficiently configure and manage Axis devices, including batch processing of security tasks, such as deploying certificates and upgrading firmware.



[AXIS Device Manager](#) for local configuration and management of Axis devices.



[AXIS Device Manager Extend](#) for remote management and maintenance of Axis devices.

For more information, including guidance on cybersecurity best practices, as well as security advisories, visit the [cybersecurity portal](#).

# About Axis Communications

Axis enables a smarter and safer world by creating network solutions that provide insights for improving security and new ways of doing business. As the industry leader in network video, Axis offers products and services for video surveillance and analytics, access control, intercom and audio systems.

Axis has more than 3,800 dedicated employees in over 50 countries and collaborates with partners worldwide to deliver customer solutions. Axis was founded in 1984 and has its headquarters in Lund, Sweden.

For more information about Axis, please visit our website [www.axis.com](http://www.axis.com)

Distributed by: