

Homaxi

NDAA Compliant

PRODUCT CATALOG

2024 V2



Homaxi USA



Shanghai Head Office



Shenzhen Factory





COMPANY PROFILE

Homaxi is a brand powered by Qualvision Technology, focused on the video surveillance industry for over 10 years.

Today, we take pride in being an industry-leading high-tech company with over 180 professional engineers diligently working on technological innovations such as image algorithms, video storage, artificial intelligence, and cloud technology. We are committed to providing up-to-date products and solutions for both home and business users. Our product range includes high-definition IP cameras and network video recorders. Additionally, we have established a factory spanning over 20,000 square meters in Shenzhen, equipped with advanced production facilities and management systems that meet international standards.

We distribute our products through local partners in over 50 countries across the Americas, Europe, the Middle East, and Asia. By utilizing clusters of cloud servers deployed worldwide, our unified cross-platform video management system provides secure and reliable cloud services to over 5 million users.

Together with our partners and customers, we are committed to creating a smarter and safer world.

Homaxi

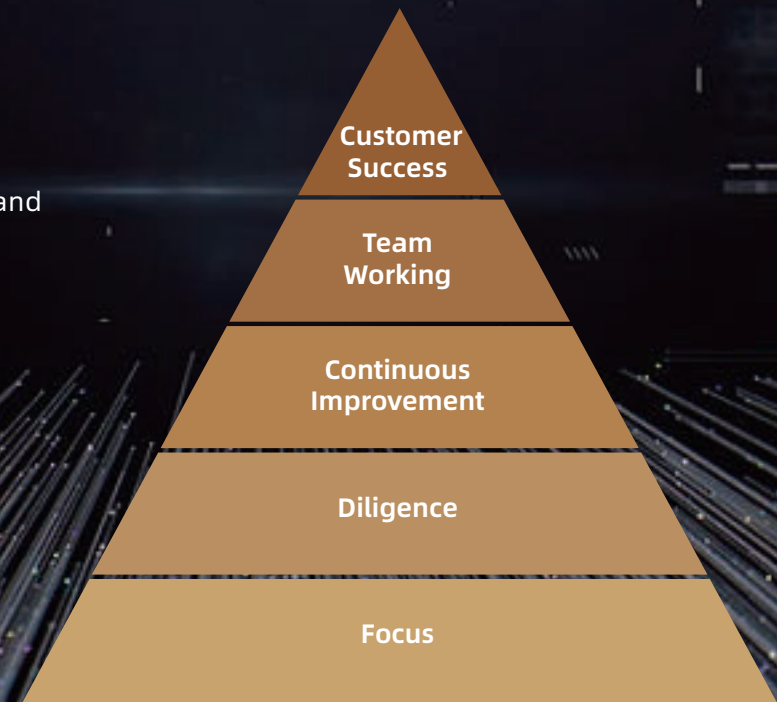
BUSINESS PHILOSOPHY

MISSION

Continuing to focus on technical innovation, we strive to provide our partners with the highest quality security products and solutions. Our aim is to protect the assets of our business users, helping them enhance business efficiency and performance. Simultaneously, we are dedicated to safeguarding the property and well-being of our home users, ensuring peace of mind for both their assets and their children.

VISION

Together, we are building a safer world, where our children can enjoy blue skies and green yards.



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NETWORK CAMERAS

X-SERIES

High Performance

4MP / 8MP Colorview AI IP Cameras

The Homaxi X series is positioned as a line of powerful performance products.

Equipped with ColorView technology, the X series delivers exceptional image quality even in ultra-low light conditions.

Additionally, the X series incorporates the intelligent iQsense Algorithm, which focuses on human and vehicle targets, making it easier and more efficient to identify specific subjects when searching through video footage.



FEATURES

Colorview



- 24/7 Full Color
- F1.0 Large Aperture
- Large BSI Image Sensor
- Advanced ISP
- Motorized Lens

iQSense



Human and Vehicle Classification

Face Detection

Human Detection Distance: **98 ft (30 m) Daytime**

(Distance at night will be reduced depending on the scene)

Vehicle Detection Distance: **164 ft (50 m)**

(2.8 mm fixed-focal camera)

Higher Detection Accuracy: **> 99%**

Lower False Alarms: **< 0.5%**

Colorview Camera Performance

Note: The low illumination comparison is at 6pm at Winter. The night comparison is at 8pm at Winter.

Low Illumination Comparison:



General starlight camera



Colorview camera



Night Comparison:







Traditional IR camera





Colorview camera



Model	IPC8BF4R8-I2-TPMC	IPC8TF4R8-I2-TPMC	IPC8BF4R4-I2-TPMC
Image			
Image Sensor	1/1.8" Progressive Scan CMOS Sensor		
Resolution	8MP (3840 × 2160)	8MP (3840 × 2160)	4MP (2688 × 1520)
Min. Illumination	Color: 0.0008 Lux (F1.0, AGC ON), 0 Lux with Warm light on	Color: 0.0008 Lux (F1.0, AGC ON), 0 Lux with Warm light on	Color: 0.0005 Lux (F1.0, AGC ON), 0 Lux with Warm light on
Lens	Fixed focal lens, 2.8 mm, F1.0		
Field of View	Horizontal: 111° Vertical: 60° Diagonal: 130°	Horizontal: 111° Vertical: 60° Diagonal: 130°	Horizontal: 112° Vertical: 60° Diagonal: 131°
Illumination Distance	131 ft (40 m) Warm light	98 ft (30 m) Warm light	131 ft (40 m) Warm light
WDR	130 dB		
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG		
Max Frame Rate	30 fps 8MP		
Streams	3		
Smart Functions	Motion Detection, Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (support alarm triggering by specified target types (human and vehicle)); Scene Change Detection, Video Shelter, Face Detection		
Local Storage	Micro SD, up to 256GB		
Audio I/O	1/1, Built-in Mic		
Alarm I/O	1/1		
Operating Conditions	-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)		
Power Supply	DC12V ± 25%, PoE (802.3af)		
Protection Level	IP67		

IPC8TF4R4-I2-TPMC	IPC8BV8R4-I2-TPMCZ	IPC8DV4R4-I2-TPMCZ	Model
 	 	 	Image
1/1.8" Progressive Scan CMOS Sensor			Image Sensor
4MP (2688 × 1520)			Resolution
Color: 0.0005 Lux (F1.0, AGC ON), 0 Lux with Warm light on			Min. Illumination
Fixed focal lens, 2.8 mm, F1.0	Motorized varifocal lens, 2.8 ~ 12 mm, 4X, F1.0	Motorized varifocal lens, 2.8 ~ 12 mm, 4X, F1.0	Lens
Horizontal: 112° Vertical: 60° Diagonal: 131°	Horizontal: 105° ~ 56° Vertical: 54° ~ 31° Diagonal: 131° ~ 65°	Horizontal: 105° ~ 56° Vertical: 54° ~ 31° Diagonal: 131° ~ 65°	Field of View
98 ft (30 m) Warm light	196 ft (60 m) Warm light	131 ft (40 m) Warm light	Illumination Distance
130 dB			WDR
H.265/H.265+/H.264/H.264+/MJPEG			Video Compression
30 fps 4MP			Max Frame Rate
3			Streams
Motion Detection, Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (support alarm triggering by specified target types (human and vehicle)); Scene Change Detection, Video Shelter, Face Detection			Smart Functions
Micro SD, up to 256GB			Local Storage
1/1, Built-in Mic			Audio I/O
1/1			Alarm I/O
-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)			Operating Conditions
DC12V ± 25%, PoE (802.3af)			Power Supply
IP67	IP67, IK10	IP67, IK10	Protection Level

Model	IPT641R4-Z25-I2-TP	IPT651R4-Z32-I2-TP
Image		 <i>Coming soon</i>
Image Sensor	1/2.8" CMOS Sony Sensor	
Resolution	4MP (2560 × 1440)	5MP (2592 × 1944)
Min. Illumination	B/W: 0.0006 Lux @ (F1.6,AGC ON), 0 Lux with IR	
Lens	4.8 ~ 120 mm	4.8 mm ~ 154 mm
Aperture Range	F1.6 (W) ~ F4.3 (T)	
Optical Zoom	25X Optical Zoom/ 16X, Digital Zoom	32X Optical Zoom/ 16X, Digital Zoom
Pan/Tilt Range	Pan: 0° to 360° endless; Tilt: -10° to +90°	Pan: 0° to 360° endless; Tilt: -15° to +90°
Manual Control Speed	Pan: 1° /s -95° /s Tilt: 1° /s-33° /s	Pan: 1.1° /s-150° /s; Tilt: 1.8° /s-75° /s
Preset	255	
Tour/Patrol	8 (up to 32 presets per tour)	
Pattern	8	
Scan	6	
Idle Motion	Preset; Pattern; Tour; Scan	
Illumination Distance	492 ft (150 m) IR light	
WDR	120dB	
Video Compression	H.265/H.265+/H.264/H.264+	
Max Frame Rate	50 Hz: 25 fps 4MP /60 Hz: 30 fps 4MP	50 Hz: 25 fps 5MP /60 Hz: 30 fps 5MP
Streams	3	
Smart Functions	Line crossing detection, Area intrusion,Region Entrance, Region Exiting (support alarm triggering by specified target types (human and vehicle) , Scene Change Detection	Line crossing detection, Area intrusion,Region Entrance, Region Exiting (support alarm triggering by specified target types (human and vehicle), Unattended Object, Object Missing,Fast Moving, Loitering Detection, People Gathering Detection, Parking Detection, Blurred Detection, Scene Change Detection, Audio exception Detection, Crossing Line Statistics
Auto Tracking	Support	
Image Stabilization	Electronic (EIS)	
Audio I/O	1/1	
Alarm I/O	1/1	2/1
Operating Conditions	-22° F ~ 140° F (-30° C ~ 60° C) Humidity 95% or less (non-condensing)	-40° F ~ 158° F (-40° C ~ 70° C) Humidity 95% or less (non-condensing)
Power Supply	DC 12V ± 10%; PoE (802.3 af)	DC 36V ± 25%; PoE (802.3 af)
Protection Level	IP66; 6000V lightning protection; Surge protection; Anti-surge protection	IP67, IK10; 6000V lightning protection; Surge protection; Anti-surge protection

IPC8FE1R6-I2-TPMS	IPC8MSB2R8-AD-TPMSC	Model
		Image
1/2.5" Progressive Scan CMOS Sensor	2 x 1/1.8" Progressive Scan CMOS Sensor	Image Sensor
6MP (2560 x 2560)	8MP (5120 x 1440)	Resolution
Color: 0.008 Lux (F2.0, AGC ON), 0 Lux with IR lights on	Color: 0.0008 Lux (F1.0, AGC ON), 0 Lux with Warm light on	Min. Illumination
1.68 mm, F2.0	4 mm	Lens
Horizontal: 180° (desktop) 180° (ceiling mounting)	Horizontal : 180°, Vertical : 44°	Field of View
65 ft (20 m) IR light	131 ft (40 m) warm light	Illumination Distance
120 dB	130 dB	WDR
H.265/H.265+/H.264/H.264+/MJPEG		Video Compression
50Hz: 25fps 6MP 60Hz: 30fps 6MP	WDR On: 15 fps 8MP WDR Off: 20 fps 8MP	Max Frame Rate
2	3	Streams
Motion Detection, Video Shelter, Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting	Motion Detection, Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (support alarm triggering by specified target types (human and vehicle)); Scene Change Detection, Video Shelter	Smart Functions
Up to 256GB		Local Storage
Support		Speaker
1/1		Audio I/O
1/1		Alarm I/O
-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)		Operating Conditions
DC12V ± 25%, PoE (802.3af)		Power Supply
IP66	IP67	Protection Level

NETWORK CAMERAS

I-SERIES

iQSense

Active Deterrence with iQSense

4MP / 8MP Deterrence IP Cameras

4MP / 5MP / 8MP AI IP Cameras

For those seeking performance on a budget, Homaxi offers its I Series products.

Leveraging the intelligent iQSense algorithm, the Homaxi I series provides intelligent motion detection and perimeter protection. This feature ensures that alarms are triggered only by humans or vehicles, preventing unnecessary actions caused by false alarms.

Building upon the foundation of iQSense intelligence, Homaxi's ProActive Deterrence products integrate iQSense technology with a dual illuminator, full-color capabilities, and ProActive Deterrence functionality. Designed to proactively warn off intruders and reduce the probability of incidents, these products offer enhanced details with color imaging in low-light environments.



Active Deterrence

Smart Illuminator Mode

Warm mode: full color
IR mode: less light pollution



IR illuminator is on at night.



Warm light turns on when a target appears to catch color images.



Speaker and Red & Blue light turns on (Active Deterrence) to warn the target.



Warm light turns off, IR illuminator turns back on when the target disappears to reduce light pollution.

Audio & Visual Alarm

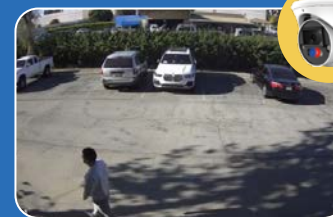
Two-way Talk: Initiate real-time communication via device and mobile, as well as other remote means.

Custom Alarm Sound: Customize alarms on mobile and device, broadening application scenarios.










Multi-platform Integration





The device supports multi-platform integration and compatibility, managed 24/7 by the monitoring center.







Model	IPC6BF6R8-AD-TPMSCR	IPC6TF4R8-AD-TPMSCR	IPC6BF6R4-AD-TPMSCR	IPC6TF4R4-AD-TPMSCR
Image				
Image Sensor	1/2.8" Progressive Scan CMOS Sensor		1/2.7" Progressive Scan CMOS Sensor	
Resolution	8MP (3840 × 2160)		4MP (2688 × 1520)	
Min. Illumination	Color: 0.003 Lux (F1.0, AGC ON), 0 Lux with light			
Lens	Fixed focal lens, 2.8 mm, F1.0			
Field of View	Horizontal: 105° Vertical: 56° Diagonal: 126°		Horizontal: 103° Vertical: 55° Diagonal: 122°	
Illumination Distance	98 ft (30 m) IR light 98 ft (30 m) Warm light			
WDR	120 dB			
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG			
Max Frame Rate	30 fps 8MP		30 fps 4MP	
Streams	3			
Smart Functions	Motion Detection, Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (support alarm triggering by specified target types (human and vehicle)); Scene Change Detection, Video Shelter, Video Blur Detection, Face Detection			
Local Storage	Micro SD, up to 256GB			
Audio I/O	1/1, Built-in Mic			
Speaker	Yes			
Alarm I/O	1/1			
Operating Conditions	-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%, PoE (802.3af)			
Protection Level	IP67			

IPC6BF2R8-I2-TML	IPC6TF4R8-I2-TML	IPC6DF2R8-I2-TML	IPC6DF1R8-I2-TPM	Model
				Image
1/2.8" Progressive Scan CMOS Sensor				Image Sensor
8MP (3840 × 2160)				Resolution
Color: 0.006 Lux (F1.6, AGC ON), 0 Lux with IR lights on				Min. Illumination
Fixed focal lens, 2.8 mm, F1.6				Lens
Horizontal: 106° Vertical: 58° Diagonal: 124°	Horizontal: 106° Vertical: 58° Diagonal: 124°	Horizontal: 106° Vertical: 58° Diagonal: 124°	Horizontal: 102° Vertical: 56° Diagonal: 122°	Field of View
131 ft (40 m) IR light	98 ft (30 m) IR light	98 ft (30 m) IR light	98 ft (30 m) IR light	Illumination Distance
120 dB				WDR
H.265/H.265+/H.264/H.264+/MJPEG				Video Compression
30 fps 8MP				Max Frame Rate
3				Streams
Motion Detection, Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (support alarm triggering by specified target types (human and vehicle)); Scene Change Detection, Video Shelter, Face Detection				Smart Functions
Micro SD, up to 256GB				Local Storage
Built-in Mic	Built-in Mic	Built-in Mic	1/1, Built-in Mic	Audio I/O
N/A				Speaker
N/A	N/A	N/A	1/1 Alarm Out (max.12 VDC, 20mA)	Alarm I/O
-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)				Operating Conditions
DC12V ± 25%, PoE (802.3af)				Power Supply
IP67		IP67, IK10		Protection Level

Model	IPC6BV2R8-I2-TPMLZ	IPC6TV2R8-I2-TPMLZ	IPC6DV2R8-I2-TPMLZ	IPC6BF2R5-I2-TML
Image				
Image Sensor	1/2.8" Progressive Scan CMOS Sensor	1/2.8" Progressive Scan CMOS Sensor	1/2.8" Progressive Scan CMOS Sensor	1/2.7" Progressive Scan CMOS Sensor
Resolution	8MP (3840 × 2160)	8MP (3840 × 2160)	8MP (3840 × 2160)	5MP (2880 × 1620)
Min. Illumination	Color: 0.006 Lux (F1.6, AGC ON), 0 Lux with IR lights on			
Lens	Motorized Varifocal Lens, 2.7 ~ 13.5 mm	Motorized Varifocal Lens, 2.7 ~ 13.5 mm	Motorized Varifocal Lens, 2.7 ~ 13.5 mm	Fixed focal lens, 2.8 mm, F1.6
Field of View	Horizontal:108° ~ 34° Vertical: 58° ~ 19° Diagonal:130° ~ 39°	Horizontal:108° ~ 34° Vertical: 58° ~ 19° Diagonal:130° ~ 39°	Horizontal:108° ~ 34° Vertical: 58° ~ 19° Diagonal:130° ~ 39°	Horizontal: 111° Vertical: 60° Diagonal: 132°
Illumination Distance	229 ft (70 m) IR light	131 ft (40 m) IR light	164 ft (50 m) IR light	131 ft (40 m) IR light
WDR	120 dB			
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG			
Max Frame Rate	30 fps 8MP			
Streams	3			
Smart Functions	Motion Detection, Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (support alarm triggering by specified target types (human and vehicle)); Scene Change Detection, Video Shelter, Face Detection			
Local Storage	Micro SD, up to 256GB			
Audio I/O	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	Built-in Mic
Alarm I/O	1/1	1/1	1/1	N/A
Operating Conditions	-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%, PoE (802.3af)			
Protection Level	IP67	IP67	IP67, IK10	IP67

IPC6TF4R5-I2-TML	IPC6DF2R5-I2-TML	IPC6BV2R5-I2-TPMLZ	IPC6TV2R5-I2-TPMLZ	Model
				Image
1/2.7" Progressive Scan CMOS Sensor				Image Sensor
5MP (2880 × 1620)				Resolution
Color: 0.006 Lux (F1.6, AGC ON), 0 Lux with IR lights on				Min. Illumination
Fixed focal lens, 2.8 mm, F1.6		Motorized Varifocal Lens, 2.7 ~ 13.5 mm, 5X		Lens
Horizontal: 111° Vertical: 60° Diagonal: 132°		Horizontal: 112° ~ 35.5° Vertical: 59° ~ 20° Diagonal: 134° ~ 41°		Field of View
98 ft (30 m) IR light	98 ft (30 m) IR light	229 ft (70 m) IR light	131 ft (40 m) IR light	Illumination Distance
120 dB				WDR
H.265/H.265+/H.264/H.264+/MJPEG				Video Compression
30 fps 5MP				Max Frame Rate
3				Streams
Motion Detection, Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (support alarm triggering by specified target types (human and vehicle)); Scene Change Detection, Video Shelter, Face Detection				Smart Functions
Micro SD, up to 256GB				Local Storage
Built-in Mic		1/1, Built-in Mic		Audio I/O
N/A		1/1		Alarm I/O
-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)				Operating Conditions
DC12V ± 25%, PoE (802.3af)				Power Supply
IP67	IP67, IK10	IP67	IP67	Protection Level

Model	IPC6DV2R5-I2-TPMLZ	IPC6BF2R4-I2-TML	IPC6TF4R4-I2-TML	IPC6DF2R4-I2-TML
Image				
Image Sensor	1/2.7" Progressive Scan CMOS Sensor			
Resolution	5MP (2880 × 1620)	4MP (2688 × 1520)	4MP (2688 × 1520)	4MP (2688 × 1520)
Min. Illumination	Color: 0.006 Lux (F1.6, AGC ON), 0 Lux with IR lights on			
Lens	Motorized Varifocal Lens, 2.7 ~ 13.5 mm, 5X	Fixed focal lens, 2.8 mm, F1.6	Fixed focal lens, 2.8 mm, F1.6	Fixed focal lens, 2.8 mm, F1.6
Field of View	Horizontal: 112° ~ 35.5° Vertical: 59° ~ 20° Diagonal: 134° ~ 41°	Horizontal: 111° Vertical: 60° Diagonal: 132°	Horizontal: 111° Vertical: 60° Diagonal: 132°	Horizontal: 111° Vertical: 60° Diagonal: 132°
Illumination Distance	164 ft (50 m) IR light	131 ft (40 m) IR light	98 ft (30 m) IR light	98 ft (30 m) IR light
WDR	120 dB			
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG			
Max Frame Rate	30 fps 5MP	30 fps 4MP		
Streams	3			
Smart Functions	Motion Detection, Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (support alarm triggering by specified target types (human and vehicle)); Scene Change Detection, Video Shelter, Face Detection			
Local Storage	Micro SD, up to 256GB			
Audio I/O	1/1, Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic
Alarm I/O	1/1	N/A	N/A	N/A
Operating Conditions	-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%, PoE (802.3af)			
Protection Level	IP67, IK10	IP67	IP67	IP67, IK10

IPC6DF1R4-I2-TPM	IPC6BV2R4-I2-TPMLZ	IPC6TV2R4-I2-TPMLZ	IPC6DV2R4-I2-TPMLZ	Model
				Image
1/2.7" Progressive Scan CMOS Sensor				Image Sensor
4MP (2688 × 1520)				Resolution
Color: 0.006 Lux (F1.6, AGC ON), 0 Lux with IR lights on				Min. Illumination
Fixed focal lens, 2.8 mm, F1.6	Motorized Varifocal Lens, 2.7 ~ 13.5 mm, 5X	Motorized Varifocal Lens, 2.7 ~ 13.5 mm, 5X	Motorized Varifocal Lens, 2.7 ~ 13.5 mm, 5X	Lens
Horizontal: 111° Vertical: 60° Diagonal: 132°	Horizontal: 112° ~ 35.5° Vertical: 59° ~ 20° Diagonal: 134° ~ 41°	Horizontal: 112° ~ 35.5° Vertical: 59° ~ 20° Diagonal: 134° ~ 41°	Horizontal: 112° ~ 35.5° Vertical: 59° ~ 20° Diagonal: 134° ~ 41°	Field of View
66 ft (20 m) IR light	229 ft (70 m) IR light	164 ft (50 m) IR light	131 ft (40 m) IR light	Illumination Distance
120 dB				WDR
H.265/H.265+/H.264/H.264+/MJPEG				Video Compression
30 fps 4MP				Max Frame Rate
3				Streams
Motion Detection, Line Crossing Detection, Area Intrusion, Region Entrance, Region Exiting (support alarm triggering by specified target types (human and vehicle)); Scene Change Detection, Video Shelter, Face Detection				Smart Functions
Micro SD, up to 256GB				Local Storage
1/1, Built-in Mic				Audio I/O
1/1 Alarm Out (max.12 VDC, 20mA)	1/1	1/1	1/1	Alarm I/O
-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)				Operating Conditions
DC12V ± 25%, PoE (802.3af)				Power Supply
IP67, IK10	IP67	IP67	IP67, IK10	Protection Level

NETWORK CAMERAS

S-SERIES Cost-effective Lite AI

The Homaxi S series is the standard series for the distribution market, encompassing products with features such as WDR, starlight, lite AI, and the latest dual illumination technology.

The dual illumination technology offers a flexible mode of operation with both infrared (IR) and warm light options. This allows for the recording of full-color images while helping to reduce light pollution.

With starlight technology, you can capture colorful images even in low light conditions.

Additionally, the Homaxi S series is equipped with Lite AI technology, which focuses on detecting and recording only humans and vehicles.



Lite AI

Lite AI technology focuses on detecting real threats such as humans and vehicles, while offering enhanced smart functions like Perimeter Protection and Motion Detection. This significantly reduces false alarms triggered by animals, leaves, rain, and other factors, saving time for security personnel when responding to events. Additionally, it helps users accurately and quickly locate the target from the massive amount of data generated after an event.



Smart Motion Detection



Perimeter Protection



Smart Dual Illuminators

The three modes can be switched through the mobile phone.



IR Mode

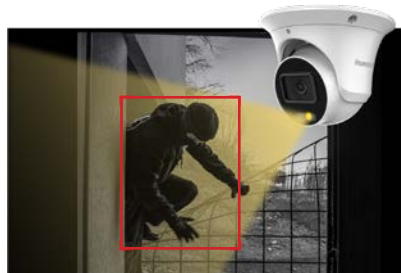


Warm Light Mode



Smart Illumination

The Smart Dual Light product integrates strobe light deterrence with intelligent human and vehicle recognition, enhancing its proactive defense and precise alarm capabilities for versatile applications.



Starlight



Starlight technology aims to capture more image details in low-light conditions, even at a mere 0.006 Lux, producing color images.







Starlight Night Vision (1080P)



Non-Starlight Night Vision (1080P)



Model	IPC4BF2R8-I1-TMCR	IPC4TF4R8-I1-TMCR	IPC4DF2R8-I1-TMCR	IPC4BF2R4-I1-TMCR	IPC4TF4R4-I1-TMCR
Image					
Image Sensor	1/2.8" Progressive Scan CMOS Sensor			1/2.7" Progressive Scan CMOS Sensor	
Resolution	8MP (3840 × 2160)			4MP (2688 × 1520)	
Min. Illumination	Color: 0.006 Lux (F1.6, AGC ON), 0 Lux with light				
Lens	Fixed focal lens, 2.8 mm, F1.6				
Field of View	Horizontal FOV: 106° Vertical FOV: 58° Diagonal FOV: 125°			Horizontal: 111° Vertical: 60° Diagonal: 132°	
Illumination Distance	98 ft (30 m) IR light 98 ft (30 m) Warm light				
WDR	120 dB				
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG				
Max Frame Rate	20 fps 8MP			20 fps 4MP	
Streams	2				
Smart Functions	Motion Detection, Line Crossing Detection, Area Intrusion (support alarm triggering by specified target types (human and vehicle)); Video Shelter				
Local Storage	Micro SD, up to 256GB				
Audio I/O	Built-in Mic				
Operating Conditions	(-40° C ~ 60° C) (-40° F ~ 140° F) Humidity 95% or less (non-condensing)				
Power Supply	DC12V ± 25%, PoE (802.3af)				
Protection Level	IP67	IP67	IP67, IK10	IP67	IP67







IPC4TF2R8-AD-TMSCR	IPC4BF2R8-I1-TML	IPC4TF4R8-I1-TML	IPC4DF2R8-I1-TML	Model
				Image
1/2.7" Progressive Scan CMOS Sensor	1/2.8" Progressive Scan CMOS Sensor			Image Sensor
8MP (3840 × 2160)				Resolution
Color: 0.006 Lux (F1.6, AGC ON), 0 Lux with IR lights on				Min. Illumination
Fixed focal lens, 2.8 mm, F1.6				Lens
Horizontal :111° Vertical : 58.5° Diagonal: 134°	Horizontal: 106° Vertical: 58° Diagonal: 125°			Field of View
30m (IR light) 30m (warm light)	131 ft (40 m) IR light	98 ft (30 m) IR light	98 ft (30 m) IR light	Illumination Distance
120 dB				WDR
H.265/H.265+/H.264/H.264+/MJPEG				Video Compression
30 fps 8MP	20 fps 8MP			Max Frame Rate
3	2			Streams
Line crossing, intrusion, region entrance, region exiting (support alarm triggering by specified target types (human ,vehicle and motor))	Motion Detection, Line Crossing Detection, Area Intrusion (support alarm triggering by specified target types (human and vehicle)); Video Shelter			Smart Functions
Micro SD, up to 256GB				Local Storage
N/A	Built-in Mic			Audio I/O
-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)				Operating Conditions
DC12V ± 25%, PoE (802.3af)				Power Supply
IP67	IP67	IP67	IP67, IK10	Protection Level

Model	IPC4BF2R5-I1-TML	IPC4TF4R5-I1-TML	IPC4DF2R5-I1-TML
Image			
Image Sensor	1/2.7" Progressive Scan CMOS Sensor		
Resolution	5MP (2880 × 1620)		
Min. Illumination	Color: 0.006 Lux (F1.6, AGC ON), 0 Lux with IR lights on		
Lens	Fixed focal lens, 2.8 mm, F1.6		
Field of View	Horizontal: 111° Vertical: 60° Diagonal: 132°	Horizontal: 111° Vertical: 60° Diagonal: 132°	Horizontal: 112° ~ 35.5° Vertical: 59° ~ 20° Diagonal: 134° ~ 41°
Illumination Distance	131 ft (40 m) IR light	98 ft (30 m) IR light	98 ft (30 m) IR light
WDR	120 dB		
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG		
Max Frame Rate	20 fps 5MP		
Streams	2		
Smart Functions	Motion Detection, Line Crossing Detection, Area Intrusion (support alarm triggering by specified target types (human and vehicle)); Video Shelter		
Local Storage	Micro SD, up to 256GB		
Audio I/O	Built-in Mic		
Operating Conditions	-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)		
Power Supply	DC12V ± 25%, PoE (802.3af)		
Protection Level	IP67	IP67	IP67, IK10

Cost-effective Lite AI




S-SERIES

IPC4BV2R5-I1-TMLZ	IPC4TV2R5-I1-TMLZ	IPC4DV2R5-I1-TMLZ	Model
 	 	 	Image
1/2.7" Progressive Scan CMOS Sensor			Image Sensor
5MP (2880 × 1620)			Resolution
Color: 0.006 Lux (F1.6, AGC ON), 0 Lux with IR lights on			Min. Illumination
Motorized Varifocal Lens, 2.7 ~ 13.5 mm, 5X			Lens
Horizontal: 112° ~ 35.5° Vertical: 59° ~ 20° Diagonal: 134° ~ 41°			Field of View
164 ft (50 m) IR light	131 ft (40 m) IR light	164 ft (50 m) IR light	Illumination Distance
120 dB			WDR
H.265/H.265+/H.264/H.264+/MJPEG			Video Compression
20 fps 5MP			Max Frame Rate
2			Streams
Motion Detection, Line Crossing Detection, Area Intrusion (support alarm triggering by specified target types (human and vehicle)); Video Shelter			Smart Functions
Micro SD, up to 256GB			Local Storage
Built-in Mic			Audio I/O
-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)			Operating Conditions
DC12V ± 25%, PoE (802.3af)			Power Supply
IP67	IP67	IP67, IK10	Protection Level

Model	IPC4BF2R4-I1-TML	IPC4TF4R4-I1-TML	IPC4DF2R4-I1-TML
Image	 	 	 
Image Sensor	1/2.7" Progressive Scan CMOS Sensor		
Resolution	4MP (2688 × 1520)		
Min. Illumination	Color: 0.006 Lux (F1.6, AGC ON), 0 Lux with IR lights on		
Lens	Fixed focal lens, 2.8 mm, F1.6		
Field of View	Horizontal: 111° Vertical: 60° Diagonal: 132°		
Illumination Distance	131 ft (40 m) IR light	98 ft (30 m) IR light	98 ft (30 m) IR light
WDR	120 dB		
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG		
Max Frame Rate	20 fps 4MP		
Streams	2		
Smart Functions	Motion Detection, Line Crossing Detection, Area Intrusion (support alarm triggering by specified target types (human and vehicle)); Video Shelter		
Local Storage	Micro SD, up to 256GB		
Audio I/O	Built-in Mic		
Operating Conditions	-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)		
Power Supply	DC12V ± 25%, PoE (802.3af)		
Protection Level	IP67	IP67	IP67, IK10

Cost-effective Lite AI

S-SERIES

IPC4BV2R4-I1-TMLZ	IPC4TV2R4-I1-TMLZ	IPC4DV2R4-I1-TMLZ	Model
			Image
1/2.7" Progressive Scan CMOS Sensor			Image Sensor
4MP (2688 × 1520)			Resolution
Color: 0.006 Lux (F1.6, AGC ON), 0 Lux with IR lights on			Min. Illumination
Motorized Varifocal Lens, 2.7 ~ 13.5 mm, 5X			Lens
Horizontal: 112° ~ 35.5° Vertical: 59° ~ 20° Diagonal: 134° ~ 41°			Field of View
164 ft (50 m) IR light	131 ft (40 m) IR light	164 ft (50 m) IR light	Illumination Distance
120 dB			WDR
H.265/H.265+/H.264/H.264+/MJPEG			Video Compression
20 fps 4MP			Max Frame Rate
2			Streams
Motion Detection, Line Crossing Detection, Area Intrusion (support alarm triggering by specified target types (human and vehicle)); Video Shelter			Smart Functions
Micro SD, up to 256GB			Local Storage
Built-in Mic			Audio I/O
-40° F ~ 140° F (-40° C ~ 60° C) Humidity 95% or less (non-condensing)			Operating Conditions
DC12V ± 25%, PoE (802.3af)			Power Supply
IP67	IP67	IP67, IK10	Protection Level

Network Video Recorders

Homaxi Network Video Recorders (NVRs) offer several benefits, including bandwidth and storage management through the latest H.265+ compression technology. All NVR models support ultra-high definition output up to 12MP. To ensure data safety, Homaxi NVRs provide ANR functions, RAID, and N + 1 hot spare, guaranteeing stable and reliable video recording.

The X Series provides the highest level of performance for the project market, with ample capacity, stability, and expandability. It supports a larger number of IP camera access and longer storage time. The X Series also ensures excellent stability through RAID, ensuring the smooth operation of projects.

The I Series, on the other hand, is well-suited for the SMB market, offering practical functions, powerful decoding ability, and a compact size.



Homaxi

FEATURES

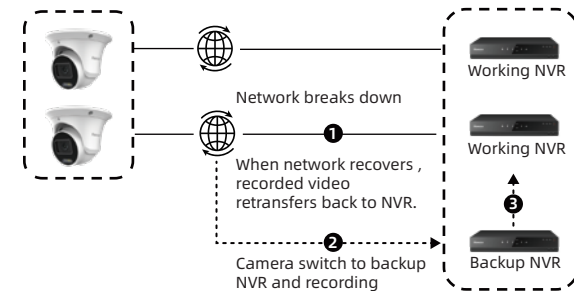
Raid 0, 1, 5, 10

If hard drives fail, a replacement drive can be substituted. The RAID of the original data by the calculation of the function will supply data from the rest normal hard drives to the new one.



N + 1 Hot Spare

When working NVR X breaks down, the standby NVR will take over NVR X to keep the system working. Standby NVR - After the network recovers, recorded video transfers back to NVR 1 (the backup NVR can only take over one offline device at a time).



Automatic Network Replenishment (ANR)





If the network goes down, video recording will move to the onboard SD card in the IP camera. Upon network recovery, the recorded video will return to the NVR.

Cloud Storage





A full range of products supports third-party cloud storage Google Drive and Dropbox, which allows the user to back up the video in the cloud spaces to keep the video in a safe place even if the local equipment or hard disk is damaged.



Network Video Recorders

Model	NVR808E-32	NVR604E-32	NVR604E-32P16	NVR604E-16P16
Image				
IP Video Input	32-ch	32-ch	32-ch	16-ch
Incoming Bandwidth	256 Mbps	256 Mbps	256 Mbps	160 Mbps
Display	HDMI 1: 4K HDMI 2: 1080P VGA 1: 1080P HDMI 1/HDMI 2 Asynchronous Outputs		HDMI 1: 4K VGA 1: 1080P HDMI 1/VGA 1 Asynchronous Outputs	
Outgoing Bandwidth	256 Mbps			
Decoding Capability	2-ch 12MP @ 20 fps 4-ch 4K @ 30 fps; 6-ch 5M @ 30 fps 8-ch 4M @ 30 fps; 16-ch 1080P @ 30 fps			
HDD	8 SATA interface; 1 eSATA interface	4 SATA interface; 1 eSATA interface	4 SATA interface; 1 eSATA interface	4 SATA interface; 1 eSATA interface
Capacity	18TB			
ANR	YES			
Ethernet	2 × RJ-45 1000 Mbps		1 × RJ-45 1000 Mbps	
POE Port	N/A		16	
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0			
RS-485	2			
Audio I/O	1/2		1/1	
Alarm I/O	16/4			
Power Supply	AC 100 ~ 240V			
Power Consumption	≤ 30 W (without HDD)		≤ 30 W (without HDD and PoE)	
Operating Conditions	14° F ~ 131° F (-10° C ~ 55° C) Humidity 10% to 90%			
Dimension (W × D × H)	17.32" × 17.80" × 3.54", 2U (440 × 452 × 90 mm)	17.32" × 17.64" × 2.76", 1.5U (440 × 448 × 70 mm)	17.32" × 17.64" × 2.76", 1.5U (440 × 448 × 70 mm)	17.32" × 17.64" × 2.76", 1.5U (440 × 448 × 70 mm)

Network Video Recorders

NVR602S-16P16	NVR602S-8P8	NVR401S-8P8	NVR401L-4P4	Model
				Image
16-ch	8-ch	8-ch	4ch	IP Video Input
160 Mbps	80 Mbps	80 Mbps	40Mbps	Incoming Bandwidth
HDMI 1: 4K VGA 1: 1080P				Display
80 Mbps				Outgoing Bandwidth
1-ch 12MP @ 20 fps 2-ch 4K @ 30 fps 3-ch 5M @ 30 fps 4-ch 4M @ 30 fps 8-ch 1080P @ 30 fps	1-ch 12MP @ 20 fps 2-ch 4K @ 30 fps 3-ch 5M @ 30 fps 4-ch 4M @ 30 fps 8-ch 1080P @ 30 fps	1-ch 12MP @ 20 fps 2-ch 4K @ 30 fps 3-ch 5M @ 30 fps 4-ch 4M @ 30 fps 8-ch 1080P @ 30 fps	1-ch 8MP @ 30fps 2-ch 6MP @ 30fps 2-ch 5MP @ 30fps 3-ch 4MP @ 30fps 6-ch 1080P @ 30fps	Decoding Capability
2 SATA interface		1 SATA interface		HDD
14TB				Capacity
YES				ANR
1 × RJ-45 1000 Mbps	1 × RJ-45 1000 Mbps	1 × RJ-45 1000 Mbps	1 × RJ-45 100 Mbps	Ethernet
16	8	8	4	POE Port
Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0				USB Interface
1		N/A		RS-485
1/1				Audio I/O
4/1		N/A		Alarm I/O
AC 100 ~ 240V	AC 100 ~ 240V	DC48V 2.5A	DC48V 1.36A	Power Supply
≤ 15 W (without HDD and PoE)		≤ 10 W (without HDD and PoE)		Power Consumption
14° F ~ 131° F (-10° C ~ 55° C) Humidity 10% to 90%				Operating Conditions
14.96" × 12.01" × 1.77", 1U (380 × 305 × 45 mm)	14.96" × 12.01" × 1.77", 1U (380 × 305 × 45 mm)	9.84" × 9.06" × 1.77", 1U (250 × 230 × 45 mm)	9.84" × 9.06" × 1.77", 1U (250 × 230 × 45 mm)	Dimension (W × D × H)

ACCESSORIES



CAMERA BRACKET



Junction Box

AC-JB02
Φ112.5 × 49.5 mm



Junction Box

AC-JB04
Φ142 × 46.5 mm



Pendant Mount

AC-CMB02



Pole Mount

AC-PM02



Wall Mount

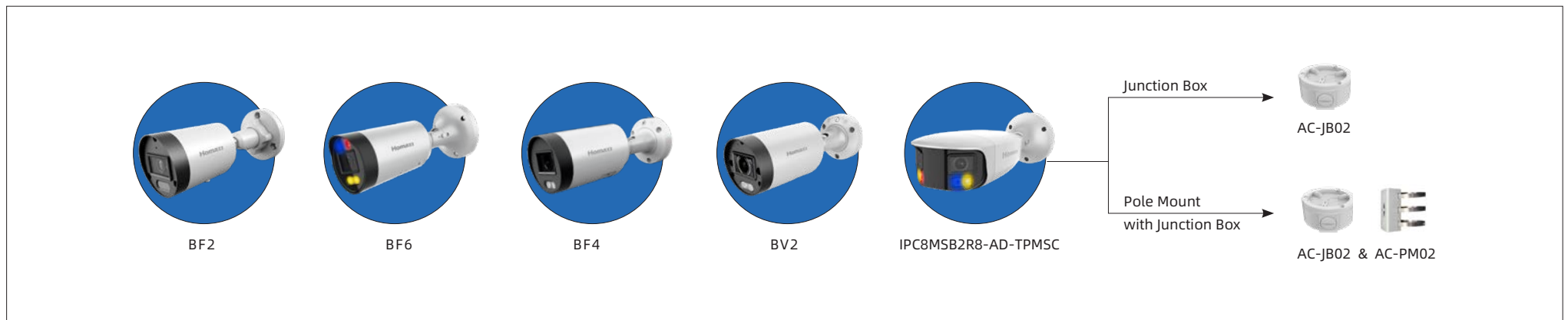
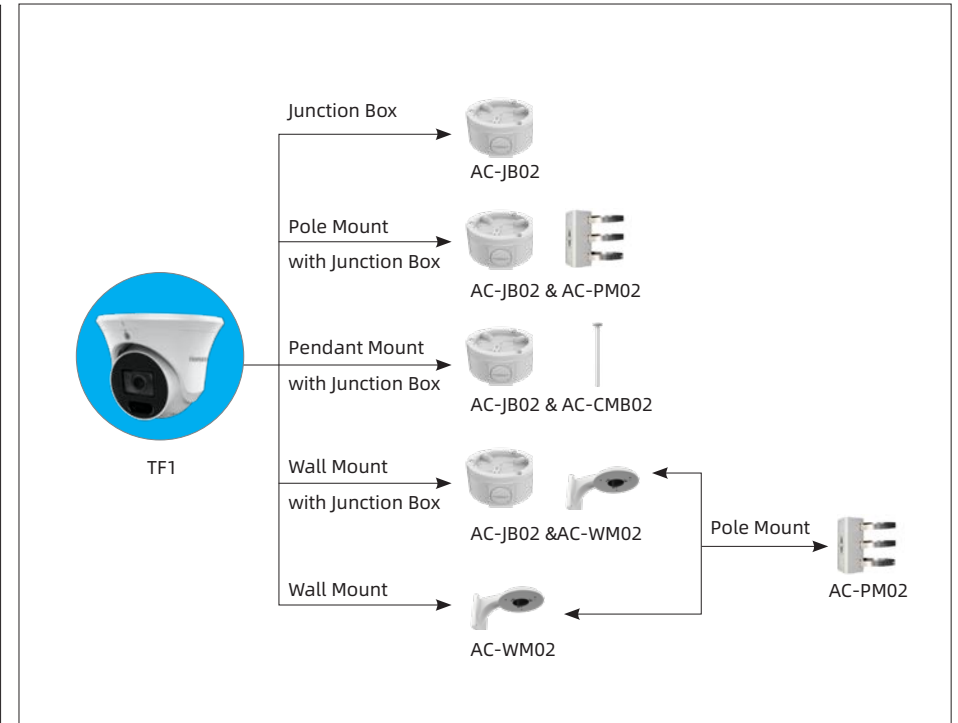
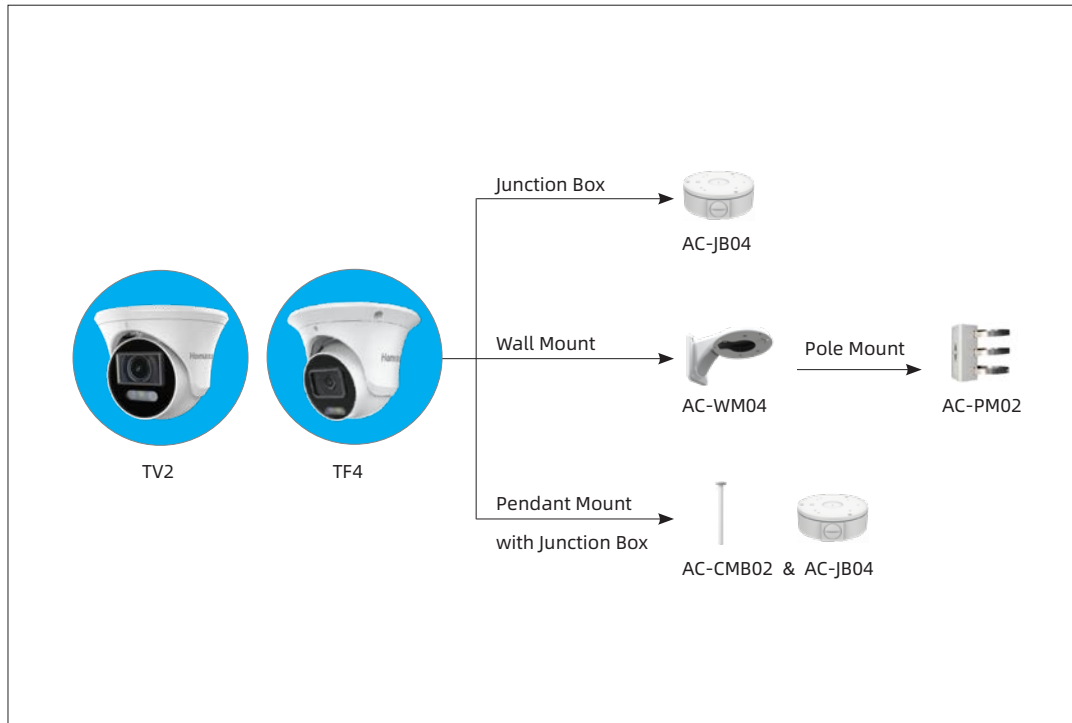
AC-WM04
Φ136 × 120 × 208 mm



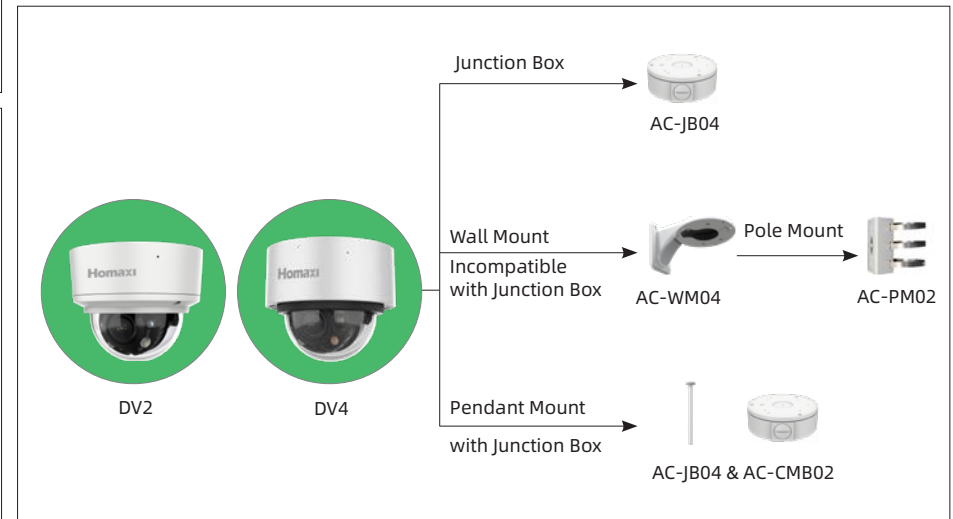
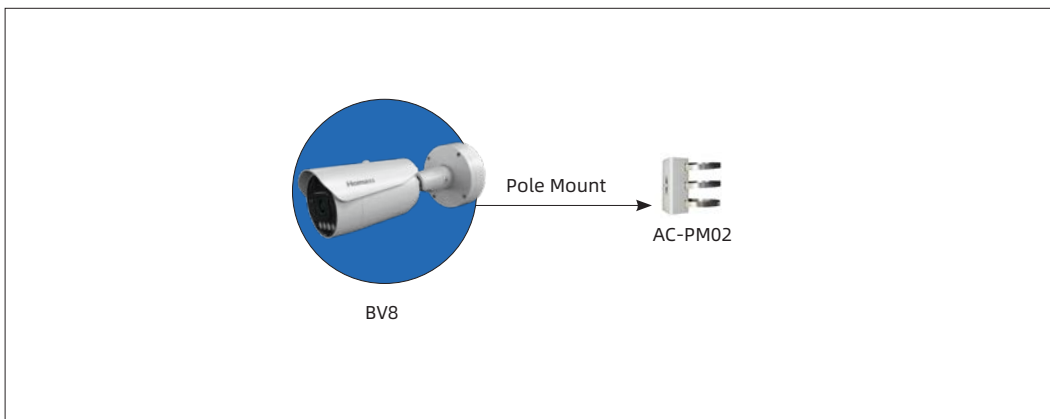
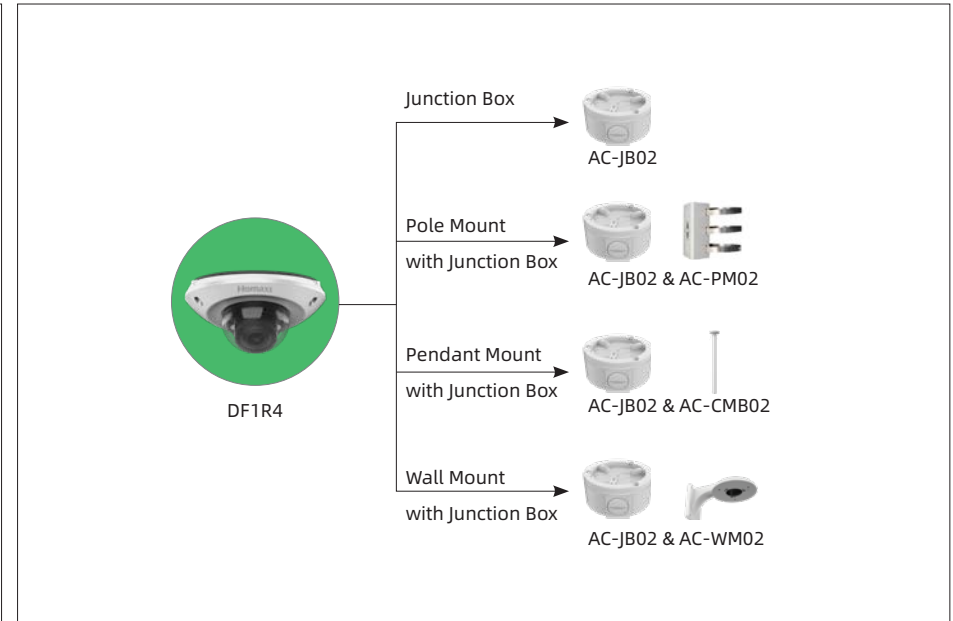
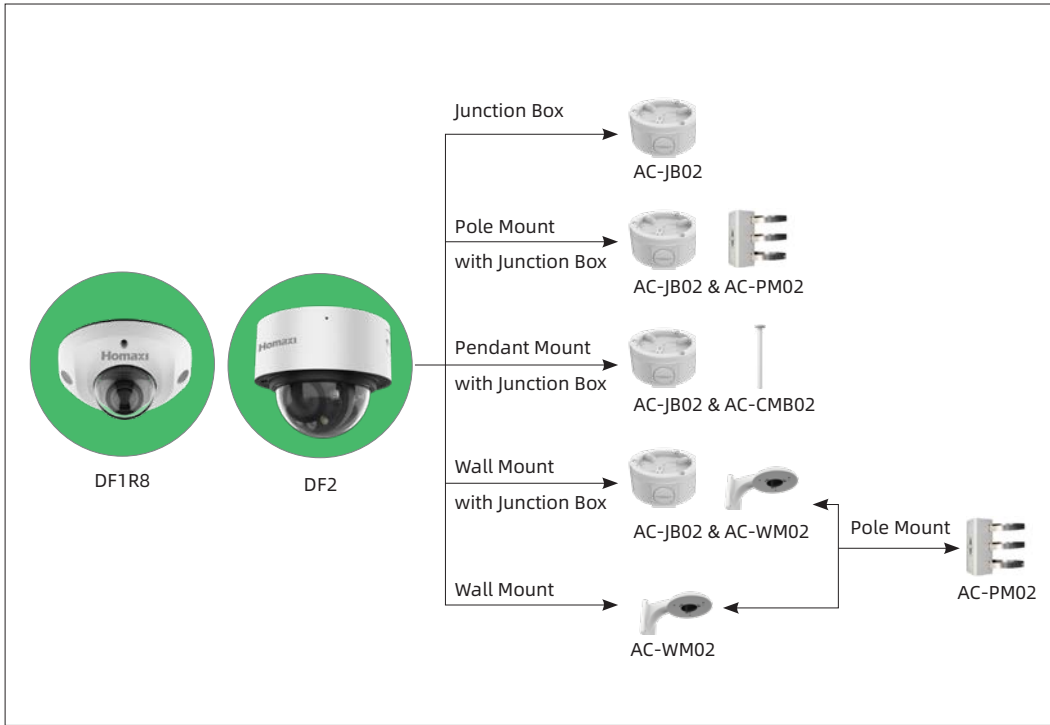
Wall Mount

AC-WM02
Φ120 × 105.8 × 183.5 mm

CAMERA BRACKET



CAMERA BRACKET



NAMING RULES



IPC6BV4R12-GO-LPR-ACTZ

IPC Naming Rule	Series	Type	Size	Resolution	Generation	AI	Functionalities
	8: X 6: I 4: S	BF: Bullet Fixed BV: Bullet VF DF: Dome Fixed DV: Dome VF TF: Turret Fixed TV: Turret VF	2: Small 4: Big 6: Bigger 8: Large	R2: 2MP R4: 4MP R5: 5MP R6: 6MP R8: 8MP R12: 12MP	G0: 1 st Gen G1: 2 nd Gen	LPR FR AD I1: AI Lite I2: True AI	T: TF card M: Microphone S: Speaker A: Audio I/O P: Audio I/O + Alarm I/O C: Full Color W: WiFi Z: Motorized VF R: IR Illuminators L: White Light

IPT861R12-Z25-I2-RE

IPT Naming Rule	Series	Size	Generation	Resolution	Zoom	AI	Functionalities
	8: X 6: I 4: S	2: 2 inch 4: 4 inch 5: 5 inch 6: 6 inch 8: 8 inch	R2: 2MP R4: 4MP R5: 5MP R6: 6MP R8: 8MP R12: 12MP		LPR AD I1: AI Lite I2: True AI	T: TF card M: Microphone S: Speaker A: Audio I/O P: Audio I/O + Alarm I/O C: Full Color W: WiFi R: IR Illuminators L: Laser H: High Frames G: GPS	

IPC6FE4R12-GO-I2-ACTZ

Fisheye Naming Rule	Series	Type	Generation	Resolution	Generation	AI	Functionalities
	8: X 6: I 4: S	FE: Fisheye		R2: 2MP R4: 4MP R5: 5MP R6: 6MP R8: 8MP R12: 12MP	G0: 1 st Gen G1: 2 nd Gen	LPR FR AD I1: SMD+PP Lite I2: SMD+PP	T: TF card M: Microphone S: Speaker A: Audio I/O P: Audio I/O + Alarm I/O C: Full Color W: WiFi Z: Motorized VF R: IR Illuminators L: White Light

IPC8MSB2R12-G0-I2-ACTZ

Multi-Sensor Naming Rule	Series	Type	Lens Qty	Resolution	Generation	AI	Functionalities
	8: X 6: I 4: S	MSB: Multi-Sensor Bullet MSD: Multi-Sensor Dome			R2: 2MP R4: 4MP R5: 5MP R6: 6MP R8: 8MP R12: 12MP	G0: 1 st Gen G1: 2 nd Gen	LPR FR AD I1: AI Lite I2: True AI

iNVR604S-32P16-G1

NVR Naming Rule	AI	Series	HDD	Chipset	Channel	PoE	Generation
	Support Backend AI	8: X 6: I 4: S 2: E		1, 2, 4, 8, 16, 24	L: Lite S: Standard E: Enhanced H: High	4, 8, 16, 32	P4: 4 PoE P8: 8 PoE P16: 16 PoE P24: 24 PoE

AC-JBI01-G

Accessories Naming Rule	Type	Sub type	Size	
	JB: Junction Box WM: Wall Mount PM: Pole Mount CM: Ceiling Mount RJ: Rubber Joint	I: In Ceiling Mount B: Bracket		2, 4, 6, 8..

Homaxi

Maximum Protection for Home and Small Business

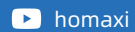


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