

PRODUCT CATALOG



Pioneers in Surveillance Solutions

At IC Realtime, our journey began 16 years ago with a vision to transform how businesses and individuals secure their environments. From humble beginnings, we have grown into a global powerhouse, trusted by security integrators and customers worldwide.

Customer-Centric Approach

We believe in building lasting partnerships with our customers. We understand that every security requirement is unique, and we take pride in providing tailored solutions that meet and exceed expectations.

Join the IC Realtime Family

As we forge ahead into the future, we invite you to join the IC Realtime family. Discover the difference our cutting-edge surveillance solutions can make in your security infrastructure. Together, let's redefine the way we protect what matters most.



Sales:

sales@icrealtime.com

Tech Support:

support@icrealtime.com

ICREALTIME.COM



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WHY

IC REALTIME SECURITY

Elevating Standards For Service & Support

We provide so much more than just the hardware.

FREE Lifetime Training and Support for both dealers and end consumers.



90 DAY ADVANCED REPLACEMENT

Minimize Downtime with swift product replacements.



NO RETURN PRODUCT DISPOSAL

No returns needed for qualifying products.



UNMATCHED UPGRADE PROMISE

Receive superior alternatives if product is unavailable.



OUT-OF-WARRANTY ADVANTAGES

Receive exclusive pricing on out-of-warranty replacements.



YOUR SUCCESS IS OUR TOP PRIORITY

Unparalleled success team dedicated to your needs.



FREE CUSTOM SYSTEM LAYOUT

Let us expertly craft layout designs for your next project.

FREE SYSTEM DESIGN LAYOUT

We believe in empowering dealers with the tools & resources they need to excel in the security industry.

No-Cost End-to-End Custom Security System Layouts.

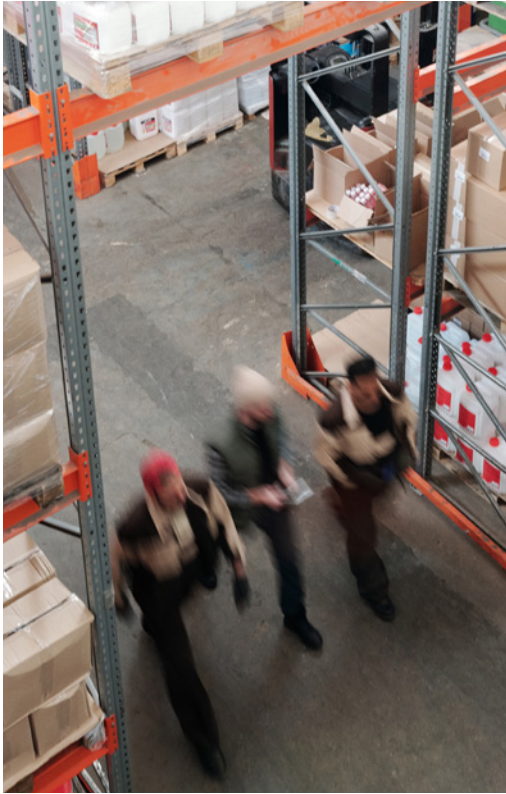
Every client has a unique security requirement. Our Complimentary System Design Services are designed to help you meet those needs with expertise.

Collaborate closely with our seasoned team, and witness the seamless creation of solutions that meet your customer's goals.

| FREE CONSULTATIONS

| **DESIGNED PRIORITIZING
PIXELS PER FOOT &
FIELD OF VIEW**

| **PRESENTED IN A
PROFESSIONALLY
ORGANIZED LAYOUT**



You Spoke. We Listened. Meet the All-New

IC View⁺

Upgrade to IC View+ for a seamless, user-friendly app that delivers high-quality video streaming, enhanced features, and improved performance.



Faster

Instant Live Views



Better

Brand New Features



Sleeker

Simple New Layout



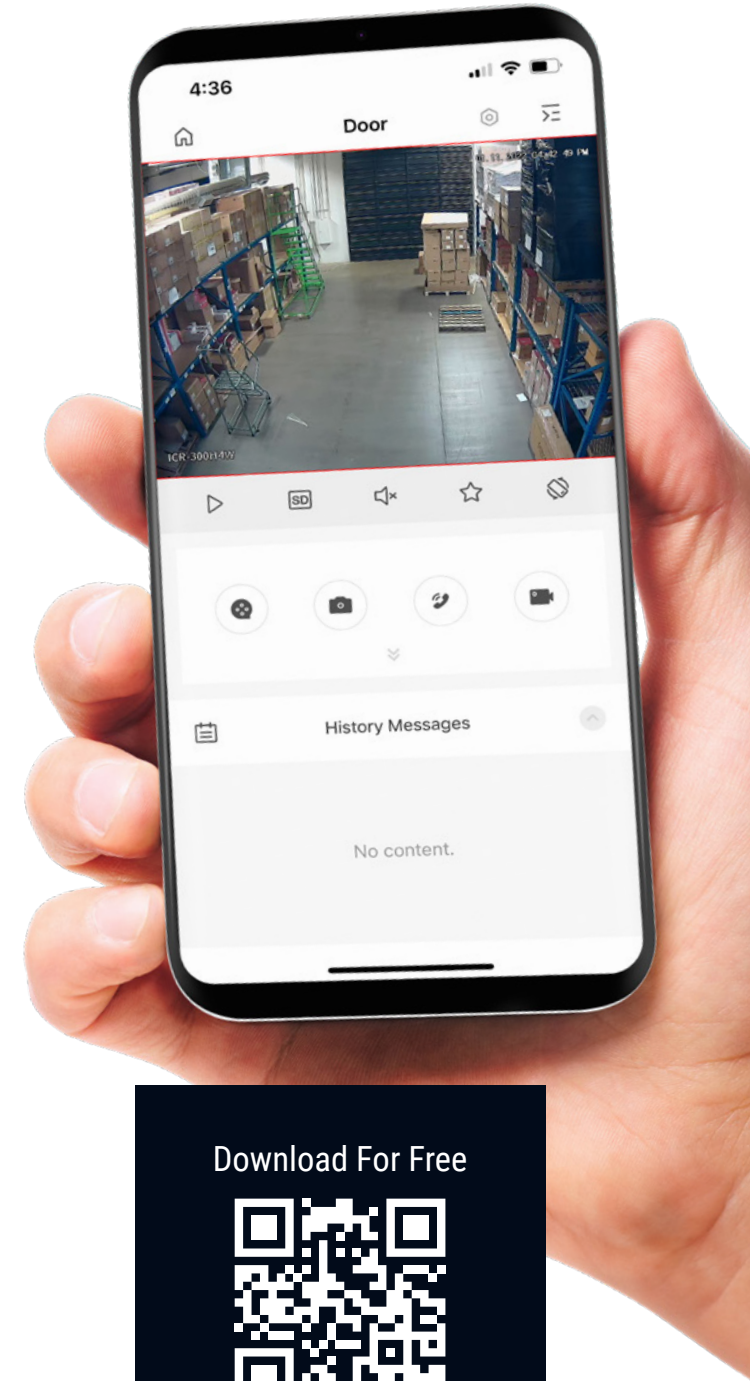
Free

Download Today

Entirely free
to download
and runs
flawlessly all our
commercial-grade
cameras and
recorder gear.



A New
Generation of
Speed & Control



Download For Free



EDGE

NETWORK CAMERAS



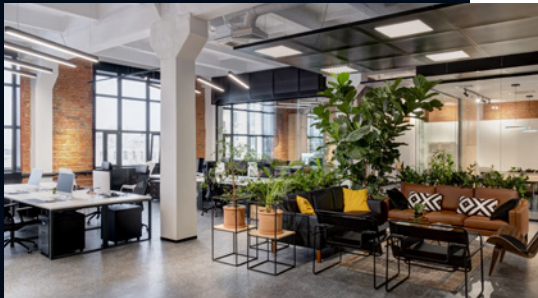
Uncompromising
Security Gear,
Unbeatable Value

Affordable Power. Versatile Performance.

The Edge Line offers high-quality cameras engineered for exceptional video capabilities at an affordable price. Experience superior performance and versatility without compromising your budget.



Small Budget Projects



Professional Offices



**Small-Mid Size
Residential Homes**

WHAT IS THE EDGE LINE?

Budget considerations shouldn't mean inferior quality. Many bids don't have enough funding for cutting-edge video gear, and some installations don't even need all of the bells & whistles. Our Edge gear represents the best way to hit budget goals and still get features & dependability.

The best part of Edge is its seamless integration with our higher-end solutions, allowing for effortless mix-and-match capabilities as they all work together harmoniously.

The Edge Series is the
ultimate value proposition
with its raw power and
unmatched versatility.

EDGE CAMERAS

Model		IPEG-B20F-IRW4	IPEG-B40F-IRW1	IPEG-B40V-IRW2	IPEG-D20F-IRW4
Appearance		 	 	 	 
Resolution		1080P	4MP	4MP	1080P
Lens Type		Fixed	Fixed	Varifocal	Fixed
Effective Pixels		1920(H) x 1080(V), 1080P	2688(H) x 1520(V), 2K	2688(H) x 1520(V), 2K	1920(H) x 1080(V), 1080P
Sensor		1/2.7, 2MP CMOS	1/3, 4MP CMOS	1/3, 4MP CMOS	1/2.8, 2MP CMOS
Frame Rate		(Main) 25/30FPS @1080P (Sub) 30FPS @480P	(Main) 20FPS @4MP (Sub) 30FPS @480P	(Main) 20FPS @4MP (Sub) 25/30FPS @480P	(Main) 25/30FPS @1080P (Sub) 30FPS @480P
Focal Length		Focus: 2.8mm Iris: F1.6 AoV: 110~∞(H), 59~∞(V)	Focus: 2.8mm Iris: F1.6 AoV: 102.0~∞(H), 55.0~∞(V)	Focus: 2.8mm - 12mm Iris: F1.7 AoV: 98~∞, 31~∞(H), 55~∞, 18~∞(V)	Focus: 2.8mm Iris: F2.0 AoV: 102~∞(H), 54~∞(V)
IR Distance		Up to 98ft (30m)	Up to 98ft (30m)	Up to 164ft (50m)	Up to 98ft (30m)
Minimum Illumination		0.005Lux @F1.6	0.008Lux @F1.6	0.03Lux @F1.7	0.01 Lux @F2.0
Video Compression		H264, H265, MJPG	H264, H265, MJPG	H264, H265, MJPG	H264, H265, MJPG
Audio I/O		N/A	N/A	N/A	N/A
Alarm I/O		N/A	N/A	N/A	N/A
Memory Slot		Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
Smart Features		N/A	N/A	N/A	N/A
DORI	Detect	122ft (37m)	183ft (56m)	183ft (56m) - 656ft (200m)	123ft (37m)
	Observe	48ft (15m)	73ft (22m)	73ft (22m) - 262ft (80m)	50ft (15m)
	Recognize	24ft (7m)	36ft (11m)	36ft (11m) - 131ft (40m)	25ft (8m)
	Identify	12ft (4m)	18ft (5m)	18ft (5m) - 65ft (20m)	12ft (4m)
Protection		IP67	IP67	IP67	IK10, IP67
Power		12V DC, PoE	12V DC, PoE	12V DC, PoE	12V DC, PoE
Working Environment		-40~∞F ~ +140~∞F (-40~∞C ~ +60~∞C)	-40~∞F ~ +140~∞F (-40~∞C ~ +60~∞C)	-22~∞F ~ +140~∞F (-30~∞C ~ +60~∞C)	-40~∞F ~ +140~∞F (-40~∞C ~ +60~∞C)
TAA		Yes	Yes	Yes	Yes
Accessories		MNT-JUNCTIONBOX-3 MNT-PCNRIP MNT-POLIP	MNT-JUNCTIONBOX-3 MNT-POLIP MNT-PCNRIP	MNT-JUNCTIONBOX-3 MNT-PCNRIP MNT-POLIP	MNT-JUNCTIONBOX-6 MNT-IPMINIDOME-WALL MNT-GB-PLATE-1 MNT-PCNRIP

IP

HDAVS

RECORDERS

EDGE CAMERAS

Model

IPEG-D40F-IRW1

IPEG-D40V-IRW2

IPEG-E20F-IRW4

IPEG-E40F-IRW2

Appearance



Resolution

4MP

4MP

1080P

4MP

Lens Type

Fixed

Varifocal

Fixed

Fixed

Effective Pixels

2688(H) x 1520(V), 2K

2688(H) x 1520(V), 2K

1920(H) x 1080(V), 1080P

2688(H) x 1520(V), 2K

Sensor

1/3, 4MP CMOS

1/3, 4MP CMOS

1/2.7, 2MP CMOS

1/3, 4MP CMOS

Frame Rate

(Main) 20FPS @4MP
(Sub) 20FPS @480P

(Main) 20FPS @4MP
(Sub) 20/30FPS @480P

(Main) 25/30FPS @1080P
(Sub) 30FPS @480P

(Main) 20FPS @4MP
(Sub) 30FPS @480P

Focal Length

Focus: 2.8mm
Iris: F1.6
AoV: 102°(H), 54°(V)

Focus: 2.8mm - 12mm
Iris: F1.7
AoV: 98°(H), 31°(H), 55°(H), 18°(V)

Focus: 2.8mm
Iris: F2.0
AoV: 102°(H), 54°(V)

Focus: 2.8mm
Iris: F2.0
AoV: 102.0°(H), 55.0°(V)

IR Distance

Up to 98ft (30m)

Up to 131ft (40m)

Up to 98ft (30m)

Up to 98ft (30m)

Minimum Illumination

0.008Lux @F1.6

0.03Lux @F1.7

(Color) 0.01Lux @F2.0
0Lux with IR

(Color) 0.03Lux @F2.0

Video Compression

H264, H265, MJPG

H264, H265, MJPG

H264, H265, MJPG

H264, H265, MJPG

Audio I/O

N/A

N/A

Built-in Mic

Built-in Mic

Alarm I/O

N/A

N/A

N/A

N/A

Memory Slot

Micro SD, Max 256GB

Micro SD, Max 256GB

Micro SD, Max 256GB

N/A

Smart Features

N/A

N/A

N/A

N/A

DORI

Detect
Observe
Recognize
Identify

184ft (56m)
73ft (22m)
36ft (11m)
18ft (5m)

183ft (56m) - 656ft (200m)
73ft (22m) - 262ft (80m)
36ft (11m) - 131ft (40m)
18ft (5m) - 65ft (20m)

126ft (38m)
50ft (15m)
25ft (8m)
12ft (4m)

223ft (68m)
89ft (27m)
44ft (13m)
22ft (7m)

Protection

IK10, IP67

IK10, IP67

IP67

IP67

Power

12V DC, PoE

12V DC, PoE

12V DC, PoE

12V DC, PoE

Working Environment

-22°F ~ +140°F (-30°C ~ +60°C)

-22°F ~ +140°F (-30°C ~ +60°C)

-40°F ~ +140°F (-40°C ~ +60°C)

-40°F ~ +140°F (-40°C ~ +60°C)

TAA

Yes

Yes

Yes

Yes

Accessories

MNT-JUNCTIONBOX-6
MNT-IPMINIDOME-WALL
MNT-GB-PLATE-1
MNT-PCNRIP

MNT-JUNCTIONBOX-6
MNT-IPMINIDOME-WALL
MNT-GB-PLATE-1
MNT-PCNRIP

MNT-IPMINIDOME-WALL-2
MNT-JUNCTIONBOX-4
MNT-PCNRIP
MNT-POLIP

MNT-ADAPT-SM
MNT-JUNCTIONBOX-4
MNT-IPMINIDOME-WALL-2
MNT-JUNCTION-BOX-1

IP

HDAVS

RECORDERS

SYNERGY

Stay ahead of the competition and meet the growing demand for smart home technology. Position yourself as a leader in the emerging market and attract customers seeking advanced home security solutions by offering smart home integrations with security cameras.

INTEGRATIONS

Connecting Technologies

Revolutionize home security with our smart integration solutions, offering complete control, automation, monitoring, and seamless device integration for a comprehensive customer experience.

SAVANT

Control4

CRESTRON

ELAN

Key digital

AMX

URC

RTI



MAX
NETWORK CAMERAS



Affordable and
uncompromising
dependability in
AI video security.

Excellent Value & Maximum Performance.

The Max line comes loaded with:

- Active Deterrence
- Midsize 1U Recorders
- Full-Color Night Vision
- Wedge Dome Models
- Small Size Bullet Models



School Systems



Retail Loss Management



**Home Automation
Compatible**

WHAT IS THE MAX LINE?

Our Max Series video gear proves that excellent video quality can be cost-effective. These cameras & recorders are full-bore IC Realtime video quality but have been engineered to win competitive bids for jobs that don't require cutting-edge intelligent features - just great video security.

Cost-effective video
solutions with excellent
performance and
useful features.

MAX CAMERAS

Model

IPMX-B40F-ADW2

IPMX-B40F-IRW2

IPMX-B40F-W1-LED

IPMX-D40F-IRW2

IPMX-D40F-W1

Appearance



Resolution

4MP

4MP

4MP

4MP

4MP

Lens Type

Fixed

Fixed

Fixed

Fixed

Fixed

Effective Pixels

2688(H) x 1520(V), 2K

2688(H) x 1520(V), 2K

2688(H) x 1520(V), 2K

2688(H) x 1520(V), 2K

2688(H) x 1520(V), 2K

Sensor

1/2.7" 4MP CMOS

1/3" 4MP CMOS

1/2.7" 4MP CMOS

1/3" 4MP CMOS

1/2.7" 4MP CMOS

Frame Rate

(Main) 25/30FPS @2K
(Sub) 480P / (Third) 720P

(Main) 25/30 @2K
(Sub) 480P / (Third) 720P

(Main) 25/30 @2K
(Sub) 480P / (Third) 720P

(Main) 25/30 @2K
(Sub) 480P / (Third) 720P

(Main) 25/30 @2K
(Sub) 480P / (Third) 1080P

Focal Length

Focus: 2.8mm
Iris: F1.0
AoV: 103°(H), 53°(V)

Focus: 2.8mm
Iris: F1.6
AoV: 103°(H), 55°(V)

Focus: 2.8mm
Iris: F1.0
AoV: 103°(H), 53°(V)

Focus: 2.8mm
Iris: F1.6
AoV: 103°(H), 55°(V)

Focus: 2.8mm
Iris: F1.0
AoV: 103°(H), 53°(V)

IR Distance

No IR (Max 131ft Warm Light)

Up to 164ft (50m)

No IR (Max 98ft Warm Light)

Up to 164ft (50m)

None. IR sensitive

Minimum Illumination

0.003Lux @F1.0

0.005Lux @F1.6

0.003Lux @F1.0

0.005Lux @F1.6

0.003Lux @F1.0

Video Compression

H264, H265, MJPG

H264, H265, MJPG

H264, H265, MJPG

H264, H265, MJPG

H264, H265, MJPG

Audio I/O

Built-in Audio for 2-Way Talk

Built-in Mic / Audio In/Out

Built-in Mic / Audio In/Out

Audio In/Out

Audio In/Out

Alarm I/O

1/1

1/1

1/1

1/1

1/1

Memory Slot

Micro SD, Max 256GB

Micro SD, Max 256GB

Micro SD, Max 256GB

Micro SD, Max 256GB

Micro SD, Max 256GB

Smart Features

Active Deterrence, IMD, Intrusion,
Perimeter Protection, Tripwire

Audio Detection, IMD, Intrusion,
Perimeter Protection, Tripwire

IMD, Intrusion, Perimeter Protec-
tion, Tripwire

Audio Detection, IMD, Intrusion,
Perimeter Protection, Tripwire

Audio Detection, IMD, Intrusion,
Face Detection, Perimeter Protec-
tion, Tripwire

DORI

Detect
Observe
Recognize
Identify

221ft (67m)
88ft (27m)
44ft (13m)
22ft (7m)

183ft (56m)
73ft (22m)
36ft (11m)
18ft (5m)

183ft (56m)
73ft (22m)
36ft (11m)
18ft (5m)

184ft (56m)- 56m (184ft)
72ft (22m)
36ft (11m)
18ft (5m)

183ft (56m)
73ft (22m)
36ft (11m)
18ft (5m)

Protection

IP67

IP67

IP67

IK10,IP67

IK10,IP67

Power

12V DC, PoE

12V DC, PoE

12V DC, PoE

12V DC, PoE

12V DC, PoE

Working Environment

-40°F ~ +140°F (-40°C ~ +60°C)

-40°F ~ +140°F (-40°C ~ +60°C)

-40°F ~ +140°F (-40°C ~ +60°C)

-22°F ~ +140°F (-30°C ~ +60°C)

-40°F ~ +140°F (-40°C ~ +60°C)

TAA

Yes

Yes

Yes

Yes

Yes

Accessories

MNT-JUNCTIONBOX-1
MNT-JUNCTIONBOX-3

MNT-JUNCTIONBOX-3
MNT-PCNRIP
MNT-POLIP

MNT-JUNCTIONBOX-3
MNT-PCNRIP
MNT-POLIP

MNT-IPMINIDOME-WALL
MNT-GB-PLATE-1
MNT-POLIP
MNT-JUNCTIONBOX-6

MNT-ADAPT-SM
MNT-IPMINIDOME-WALL
MNT-JUNCTIONBOX-6
MNT-JUNCTIONBOX-6-SQ

IP

HDAVS

RECORDERS

MAX CAMERAS

Model		IPMX-E40F-ADW2	IPMX-E40F-IRB3	IPMX-E40F-IRW3	IPMX-E40F-W1-LED	IPMX-W40F-IRW3
Appearance		 	 	 	 	 
Resolution		4MP	4MP	4MP	4MP	4MP
Lens Type		Fixed	Fixed	Fixed	Fixed	Fixed
Effective Pixels		2688(H) x 1520(V), 2K	2688(H) x 1520(V), 2K	2688(H) x 1520(V), 2K	2688(H) x 1520(V), 2K	2688(H) x 1520(V), 2K
Sensor		1/2.7" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/2.7" 4MP CMOS	1/2.9" 4MP CMOS
Frame Rate		(Main) 25/30FPS @2K (Sub) 480P / (Third) 720P	(Main) 25/30 @2K (Sub) 480P / (Third) 720P	(Main) 25/30 @2K (Sub) 480P / (Third) 720P	(Main) 25/30 @2K (Sub) 480P / (Third) 1080P	(Main) 25/30FPS @2K (Sub) 480P / (Third) 720P
Focal Length		Focus: 2.8mm Iris: F1.0 AoV: 103° x 53°(H)	Focus: 2.8mm Iris: F1.4 AoV: 102°(H), 54°(V)	Focus: 2.8mm Iris: F1.4 AoV: 102°(H), 54°(V)	Focus: 2.8mm Iris: F1.0 AoV: 103° x 53°(H)	Focus: 2.8mm Iris: F1.4 AoV: 102°(H), 54°(V)
IR Distance		No IR (Max 98ft Warm Light)	Up to 164ft (50m)	Up to 164ft (50m)	No IR (Max 98ft Warm Light)	Up to 98ft (30m)
Minimum Illumination		0.003Lux @F1.0	(Color) 0.005Lux @F1.5 0Lux with IR	(Color) 0.005Lux @F1.5 0Lux with IR	0.003Lux @F1.0	(Color) 0.005Lux @F1.5 0Lux with IR
Video Compression		H264, H265, MJPG	H264, H265, MJPG	H264, H265, MJPG	H264, H265, MJPG	H264, H265, MJPG
Audio I/O		Built-in Audio for 2-Way Talk	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic
Alarm I/O		1/1	N/A	N/A	N/A	1/1
Memory Slot		Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
Smart Features		Active Deterrence, IMD, Intrusion, Perimeter Protection, Tripwire	IMD 2.0, Intrusion, Perimeter Protection, Tripwire	IMD 2.0, Intrusion, Perimeter Protection, Tripwire	Audio Detection, IMD, Intrusion, Perimeter Protection, Tripwire	IMD 2.0, Intrusion, Perimeter Protection, Tripwire
DORI	Detect	221ft (67m)	208ft (63m)	208ft (63m)	183ft (56m)	208ft (63m)
	Observe	88ft (27m)	83ft (25m)	83ft (25m)	73ft (22m)	83ft (25m)
	Recognize	44ft (13m)	41ft (13m)	41ft (13m)	36ft (11m)	41ft (13m)
	Identify	22ft (7m)	21ft (6m)	21ft (6m)	18ft (5m)	21ft (6m)
Protection		IP67	IP67	IP67	IP67	IK10,IP67
Power		12V DC, PoE	12V DC, PoE	12V DC, PoE	12V DC, PoE	12V DC, PoE
Working Environment		-40°F ~ +140°F (-40°C ~ +60°C)	-40°F ~ +140°F (-40°C ~ +60°C)	-40°F ~ +140°F (-40°C ~ +60°C)	-22°F ~ +140°F (-30°C ~ +60°C)	-40°F ~ +140°F (-40°C ~ +60°C)
TAA		Yes	Yes	Yes	Yes	Yes
Accessories		MNT-IPMINIDOME-WALL MNT-JUNCTIONBOX-7 MNT-POLEXT-30	MNT-JUNCTIONBOX-7-B MNT-JUNCTIONBOX-3-B MNT-IPMINIDOME-WALL-B MNT-GB-PLATE-1	MNT-IPMINIDOME-WALL MNT-GB-PLATE-1 MNT-JUNCTIONBOX-3 MNT-JUNCTIONBOX-1	MNT-IPMINIDOME-WALL MNT-GB-PLATE-1 MNT-JUNCTIONBOX-1 MNT-JUNCTIONBOX-3	MNT-IPMINIDOME-WALL-2 MNT-JUNCTIONBOX-9 MNT-ADAPT-SM MNT-GB-PLATE-1

IP

HDAVS

RECORDERS



Homeowners can rest
easy knowing their
personal information
is safe and protected.

The next generation of Home Security.



**Always
Connected**



**Secure &
Reliable**



**Full HD
Video**



**Optional Cloud
Storage**



**24/7
Protection**



**Two-Way
Talk**



DINGER PRO

Smart WiFi
Video Doorbell



GUARDI

Smart WiFi
Monitoring Camera



ORB

Indoor WiFi
Pan-Tilt Camera



ORB OUTDOOR

Outdoor WiFi
Pan-Tilt Camera



FLOODER

Smart WiFi
Video Floodlight

Integrating Intelligence and Vision into Ultimate Security.

FlexSmartAi Integration



INTELLIGENT HARDWARE

FlexSmartAi security gear represents the perfect infusion between Ai and optics to deliver solid results.

A combination of advanced hardware and deep learning algorithms packaged together in exceptional products.

- ✓ Real-Time Threat Detection
- ✓ Object Recognition and Tracking
- ✓ Video Analytics and Forensics
- ✓ Identify Unauthorized Individuals

The features below combine to form the basis for our FlexSmartAi.



Intelligent
Motion Detection



24/7
Full Color



Perimeter
Protection



Facial
Recognition



AI Enhanced
PTZ Auto Tracking



Abandoned
Object



Visual
Heatmapping

Focus on What Matters

Intelligent Motion Detection



iMD ensures accurate motion detection for enhanced security.



LIGHTS



LEAVES



INSECTS



RAIN

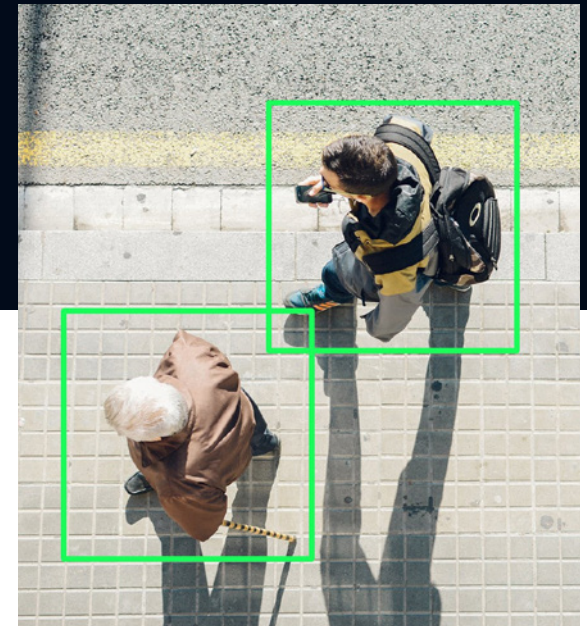


PETS

SO WHAT EXACTLY ARE IMD & PERIMETER PROTECTION?

iMD uses AI filtering to reduce false alerts by 90%.

Perimeter Protection is AI-enhanced IVS, focusing on what matters and improving PTZ tracking capabilities.



FLEX
NETWORK CAMERAS



Commercial-
grade reliability
and flexibility for
dependable security.

Advanced Performance For Business

The Flex line comes loaded with:

- Varifocal (Power Zoom) Lens
- 4K Resolution Models
- Rack Mountable Recorders
- Pan Tilt Zoom Options
- Pinhole Camera Options



Warehouse & Industrial



Residential Communities



**Grow House &
Processing Builders**

WHAT IS THE FLEX LINE?

Businesses & institutions face the same competing cost/benefit pressures in video security equipment as they do in every capital expense - quality & dependability vs. cost.

Commercial-grade, reliable, and interoperable for businesses. Flex line offers varifocal lens, 4K resolution, rack mountable recorders, PTZ options, and powerful FlexSmartAi with AI capabilities reducing false positives by 90%.

AI-powered cameras
with popular features for
advanced surveillance.

FLEX CAMERAS

Model IPFX-B40V-IRB3 IPFX-B40V-IRW2 IPFX-B80V-IRW3 IPFX-D40V-IRB2 IPFX-D40V-IRW2

Appearance



Resolution

4MP

4MP

8MP

4MP

4MP

Lens Type

Varifocal

Varifocal

Varifocal

Varifocal

Varifocal

Effective Pixels

2688(H) x 1520(V), 2K

2688(H) x 1520(V), 2K

3840(H) x 2160(V), 4K

2688(H) x 1520(V), 2K

2688(H) x 1520(V), 2K

Sensor

1/3" 4MP CMOS

1/3" 4MP CMOS

1/1.8" 8MP CMOS

1/2.7" 4MP CMOS

1/2.7" 4MP CMOS

Frame Rate

(Main) 25/30FPS @2K
(Sub) 480P / (Third) 720P

(Main) 25/30FPS @2K
(Sub) 480P / (Third) 720P

(Main) 25/30FPS @4k
(Sub) 480P / (Third) 1080P

(Main) 25/30FPS @2K
(Sub) 480P / (Third) 720P

(Main) 25/30FPS @2K
(Sub) 480P / (Third) 720P

Focal Length

Focus: 2.7mm - 13.5mm
Iris: F1.5
AoV: 104°-27°(H), 55° -15°(V)

Focus: 2.7mm - 13.5mm
Iris: F1.5
AoV: 104°-27°(H), 55° -15°(V)

Focus: 2.7mm - 12mm
Iris: F1.8
AoV: 113°-31°(H), 58°-17°(V)

Focus: 2.7mm - 13.5mm
Iris: F1.5
AoV: 104°-27°(H), 55° -15°(V)

Focus: 2.7mm - 13.5mm
Iris: F1.5
AoV: 104°-27°(H), 55° -15°(V)

IR Distance

Up to 197ft (60m)

Up to 197ft (60m)

Up to 197ft (60m)

Up to 131ft (40m)

Up to 131ft (40m)

Minimum Illumination

0.005Lux @F1.5

0.005Lux @F1.5

(Color) 0.0008 lux@F1.8
0Lux with IR

(Color) 0.005Lux @F1.5
0Lux with IR

(Color) 0.005Lux @F1.5
0Lux with IR

Video Compression

H264, H265, MJPG

H264, H265, MJPG

H264, H265, MJPG

H264, H265, MJPG

H264, H265, MJPG

Audio I/O

Audio In/Out

Audio In/Out

Audio In/Out

Audio In/Out

Audio In/Out

Alarm I/O

1/1

1/1

1/1

1/1

1/1

Memory Slot

Micro SD, Max 256GB

Micro SD, Max 256GB

Micro SD, Max 512GB

Micro SD, Max 256GB

Micro SD, Max 256GB

Smart Features

IMD, Intrusion, Perimeter Protection, Tripwire

IMD, Intrusion, Perimeter Protection, Tripwire

IMD, Intrusion, Perimeter Protection, Tripwire

IMD, Intrusion, Perimeter Protection, Tripwire

IMD, Intrusion, Perimeter Protection, Tripwire

DORI

Detect
Observe
Recognize
Identify

210ft (64m) - 728ft (222m)
84ft (26m) - 291ft (88m)
42ft (13m) - 145ft (44m)
21ft (6m) - 72ft (22m)

210ft (64m) - 728ft (222m)
84ft (26m) - 291ft (88m)
42ft (13m) - 145ft (44m)
21ft (6m) - 72ft (22m)

273ft (83m) - 622ft (190m)
109ft (33m) - 248ft (76m)
54ft (16m) - 124ft (38m)
27ft (8m) - 62ft (19m)

210ft (64m) - 728ft (222m)
84ft (26m) - 291ft (88m)
42ft (13m) - 145ft (44m)
21ft (6m) - 72ft (22m)

210ft (64m) - 728ft (222m)
84ft (26m) - 291ft (88m)
42ft (13m) - 145ft (44m)
21ft (6m) - 72ft (22m)

Protection

IP67

IP67

IP67

IK10,IP67

IK10,IP67

Power

12V DC, PoE

12V DC, PoE

12V DC, PoE

12V DC, PoE

12V DC, PoE

Working Environment

-22°F ~ +140°F (-30°C ~ +60°C)

-22°F ~ +140°F (-30°C ~ +60°C)

-22°F ~ +140°F (-30°C ~ +60°C)

-22°F ~ +140°F (-30°C ~ +60°C)

-22°F ~ +140°F (-30°C ~ +60°C)

TAA

Yes

Yes

Yes

Yes

Yes

Accessories

MNT-JUNCTIONBOX-3-B
MNT-PCNRIP
MNT-POLIP

MNT-JUNCTIONBOX-3
MNT-PCNRIP
MNT-POLIP

MNT-JUNCTIONBOX-3
MNT-PCNRIP
MNT-POLIP

MNT-IPMINIDOME-WALL-B
MNT-JUNCTIONBOX-7-B

MNT-GB-PLATE-1
MNT-ARM-V2
MNT-IPMINIDOME-WALL
MNT-JUNCTIONBOX-7

IP

HDAVS

RECORDERS

FLEX CAMERAS

Model		IPFX-D80V-IRB3	IPFX-D80V-IRW3	IPFX-E40V-IRW2	IPFX-S20F-W2
Appearance		 	 	 	 
Resolution		8MP	8MP	4MP	1080P
Lens Type		Varifocal	Varifocal	Varifocal	Fixed
Effective Pixels		3840(H) x 2160(V), 4K	3840(H) x 2160(V), 4K	2688(H) x 1520(V), 2K	1920(H) x 1080(V), 1080P
Sensor		1/1.8" 8MP CMOS	1/1.8" 8MP CMOS	1/3" 4MP CMOS	1/2.8" CMOS
Frame Rate		(Main) 25/30FPS @4k (Sub) 480P / (Third) 1080P	(Main) 25/30FPS @4k (Sub) 480P / (Third) 1080P	(Main) 25/30FPS @2K (Sub) 480P / (Third) 720P	(Main) 25/30FPS @1080P (Sub) 480P / (Third) 1080P
Focal Length		Focus: 2.7mm - 12mm Iris: F1.5 AoV: 110° -45° (H), 58° -25° (V)	Focus: 2.7mm - 12.0mm Iris: F1.4 AoV: 110° -45° (H), 57° -25° (V)	Focus: 2.7mm - 13.5mm Iris: F1.5 AoV: 104° -27°(H), 55° -15°(V)	Focus: 2.8mm Iris: F2.0 AoV: 105°(H), 58°(V)
IR Distance		Up to 131ft (40m)	Up to 131ft (40m)	Up to 131ft (40m)	None. IR sensitive
Minimum Illumination		(Color) 0.0008Lux @F1.8 0Lux with IR	(Color) 0.0008 lux@F1.8 0Lux with IR	0.005Lux @F1.5	(Color) 0.005Lux @F2.0 (B/W) 0.0005Lux @F2.0 with IR
Video Compression		H264, H265, MJPG	H264, H265, MJPG	H264, H265, MJPG	H264, H265
Audio I/O		Audio In/Out	Audio In/Out	Built-in Mic	Audio In/Out
Alarm I/O		1/1	N/A	N/A	2/2
Memory Slot		Micro SD, Max 512GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
Smart Features		Missing Object, Face Detection, Fast Moving, Heatmap, IMD, Intrusion, Loitering Detection, People Counting, Perimeter Protection, Tripwire	IMD 2.0, Missing Object, Face Detection, Fast Moving, Heatmap, Intrusion, Loitering Detection, People Counting, Perimeter Protection, Tripwire	IMD, Intrusion, Perimeter Protection, Tripwire	Missing Object, Face Detection, Fast Moving, Intrusion, Loitering Detection, Perimeter Protection, Tripwire
DORI	Detect	273ft (83m) - 622ft (190m)	282ft (86m) - 643ft (196m)	210ft (64m) - 728ft (222m)	138ft (42m)
	Observe	109ft (33m) - 248ft (76m)	112ft (34m) - 257ft (78m)	84ft (26m) - 291ft (88m)	55ft (17m)
	Recognize	54ft (16m) - 124ft (38m)	56ft (17m) - 128ft (39m)	42ft (13m) - 145ft (44m)	27ft (8m)
	Identify	27ft (8m) - 62ft (19m)	28ft (9m) - 64ft (19m)	21ft (6m) - 72ft (22m)	13ft (4m)
Protection		IK10,IP67	IK10,IP67	IP67	Indoor
Power		12V DC, 24V AC, PoE, ePoE	12V DC, PoE, ePoE	12V DC, PoE	12V DC, PoE
Working Environment		-22°F ~ +140°F (-30°C ~ +60°C)	-22°F ~ +140°F (-30°C ~ +60°C)	-22°F ~ +140°F (-30°C ~ +60°C)	-40°F ~ +140°F (-40°C ~ +60°C)
TAA		Yes	Yes	Yes	No
Accessories		MNT-DVIR-B-V2 MNT-JUNCTIONBOX-8-B MNT-IPMINIDOME-WALL-3	MNT-REC2 MNT-DVIR-V2 MNT-JUNCTIONBOX-8 MNT-ARM-V2	MNT-ADAPT-SM MNT-GB-PLATE-1 MNT-IPMINIDOME-WALL MNT-PCNRIP	POWER-PLUG POWER-JACK PWR-12VDC

IP

HDAYS

RECORDERS

FLEX CAMERAS

Model

ICIP-P2012T

IPFX-P4032X-IRW2

IPFX-P4004-W1

ICIP-2501HD-IR

Appearance



Resolution

1080P

4MP

4MP

1080P

Lens Type

Varifocal

Varifocal

Varifocal

Varifocal

Effective Pixels

1920(H) x 1080(V), 1080P

2560(H) x 1440(V), QHD

2560(H) x 1440(V), QHD

1920(H) x 1080(V), 1080P

Sensor

1/2.8" Starvis™ CMOS

1/2.8" CMOS

1/2.8" 4MP CMOS

1/2.8" Starvis™ CMOS

Frame Rate

(Main) 25/30FPS @1080P
(Sub) 480P / (Third) 720P

(Main) 25/30 @2K
(Sub) 480P / (Third) 1080P

(Main) 25/30FPS @2K
(Sub) 480P / (Third) 720P

(Main) 60FPS @1080P
(Sub) 480P / (Third) 1080P

Focal Length

Focus: 5.3mm - 64mm
Iris: F1.6 - F4.4
AoV: 58.2° - 4.8°(H)

Focus: 4.8mm - 154mm
Iris: F1.6 - F4.0
AoV: 55.8°-2.4°(H), 31.9°-1.3°(V)

Focus: 2.8 mm - 12 mm
Iris: F1.6 - F3.0
AoV: 90°-29°(H), 48°-16°(V)

Focus: 4.8mm - 120mm
Iris: F1.6 - F4.4
AoV: 62.8° ~ 2.6°(H)

IR Distance

None. IR sensitive

Up to 492ft (150m)

None. IR sensitive

Up to 656ft (200m)

Minimum Illumination

(Color) 0.005Lux @F1.6

(Color) 0.005Lux @F1.6
0Lux with IR

(Color) 0.005Lux @F1.6
(B/W) 0.0005Lux @F1.6

(Color) 0.005Lux @F1.6
0Lux @F1.6 with IR

Video Compression

H264, H265

H264, H265, MJPG

H264, H265, MJPG

H264, H265

Audio I/O

Audio In/Out

Audio In/Out

N/A

Audio In/Out

Alarm I/O

2/1

2/1

N/A

7/2

Memory Slot

Micro SD, Max 256GB

Micro SD, Max 512GB

Micro SD, Max 512GB

Micro SD, Max 256GB

Smart Features

Missing Object, Face Detection, Intrusion, Tripwire

AI Auto Tracking, Missing Object, Face Detection, Fast Moving, Intrusion, Loitering Detection, Parking Detection, Tripwire

Missing Object, Face Detection, Fast Moving, IMD, Intrusion, Loitering Detection, Perimeter Protection, Tripwire

Missing Object, Auto Tracking, Face Detection, Heatmap, Intrusion, Tripwire

DORI

Detect
Observe
Recognize
Identify

2897ft (883m)
1158ft (353m)
581ft (177m)
289ft (88m)

6969ft (2125m)
2753ft (839m)
1394ft (425m)
696ft (212m)

787ft (240m)
311ft (95m)
157ft (48m)
78ft (24m)

5292ft (1612m)
2119ft (646m)
1060 ft (323)
528ft (161m)

Protection

IK10,IP66

IK10,IP67

IK10,IP66

IK10,IP67

Power

24V AC, PoE+

24V AC, PoE+

12V DC, PoE

24V AC, PoE+

Working Environment

-22°F ~ +140°F (-30°C ~ +60°C)

-40°F ~ +158°F (-40°C ~ +70°C)

-22°F ~ +140°F (-30°C ~ +60°C)

-40°F ~ +140°F (-40°C ~ +60°C)

TAA

No

No

Yes

No

Accessories

MNT-POL303
MNT-N23X4D-MPA102
MNT-ARM-MPB300S
MNT-BOX-MPA120

MNT-POL303
MNT-BOX-MPA120
MNT-PCNRIP
MNT-BOX 2

MNT-REC1
MNT-JUNCTIONBOX-7
MNT-IPMINIDOME-WALL

MNT-BOX-MPA120
MNT-POL303
MNT-POLIP
MNT-PCNRIP

IP

HDAVS

RECORDERS

24/7 FULL COLOR

NETWORK CAMERAS

All Night Full Color Surveillance Solution

24/7 full-color security cameras render better details and enable precise identifications by utilizing the latest Starlight image sensing technology and full spectrum LEDs. Even in complete darkness, you can now enhance your security with the power of full-color video surveillance.



**ENHANCED
IDENTIFICATION**



**IMPROVED
DETECTION**



**UNINTERRUPTED
MONITORING**



**UNMATCHED
VISIBILITY**

STANDARD CAMERAS



Limited night vision, black and white video.

24/7 COLOR CAMERAS



Full spectrum LEDs, color images in total darkness.

Dynamic Protection

Active Deterrence Camera Solution

AI Human Detection accurately detects intruders. Active Deterrence flashing lights and sirens deter them.

Full Color Surveillance

Active Deterrence flashing lights and sirens serve as a dual-purpose security measure: not only do they deter potential perpetrators by startling them, but they can prompt the culprits to face the camera, leading to the capture of high-definition facial details.

Move beyond being a silent witness and deter intruders with light and sound while sending alerts.



Full-color video in any light.



Personalize with custom messages.



Intruder's face captured in HD.



Customize voice, siren, & lights.



**ALERT
INTRUDERS**



**DETER WITH
VOICE & SIREN**



**ALWAYS IN
FULL COLOR**

ELITE
NETWORK CAMERAS



Unmatched security
with advanced 4K
capabilities and AI-
enhanced features.

Cutting-Edge Video Security Solutions

The Elite line comes loaded with:

- 4K Expanded Selection
- 360° “Fisheye” Domes
- Panoramic Cameras
- Anti Corrosion PTZ
- Thermal Hybrid Cameras
- Facial Recognition
- People Counting
- Heat Mapping
- Advanced AI Auto Tracking
- Up to 128 Channel Recorders



High Security Areas



Luxury Residences



**High Capacity
Public Venues**

WHAT IS THE ELITE LINE?

Elite video gear incorporates the best of our video capabilities in advanced 4K UHD capable IP and HD-AVS cameras & 360° camera systems.

Our 4K capable video recorder, available in 16, 32, 64, and 128 channel configurations, brings the latest FlexSmartAi deep learning & machine intelligence to your next high-end security installation.

Unleash 4K UHD video
and AI-enhanced
capabilities for
unparalleled security.

ELITE CAMERAS

Model		IPEL-B80F-IRB3	IPEL-B80F-IRW2	IPEL-B2012X-IRW2	IPEL-B20V-LPR	IPEL-D40V-W1-LED
Appearance		 	 	 	 	 
Resolution		8MP	8MP	1080P	1080P	4MP
Lens Type		Fixed	Fixed	Varifocal	Varifocal	Varifocal
Effective Pixels		3840(H) x 2160(V), 4K	3840(H) x 2160(V), 4K	1920(H) x 1080(V), 1080P	1920(H) x 1080(V), 1080P	2688(H) x 1520(V), 2K
Sensor		1/2.8" 8MP CMOS	1/2.8" 8MP CMOS	1/2.8" 2MP Starvis™ CMOS	1/1.8" CMOS	1/1.8" CMOS
Frame Rate		(Main) 20FPS @4K (Sub) 480P / (Third) 1080P	(Main) 20FPS @4k (Sub) 480P / (Third) 1080P	(Main) 25/30FPS @1080P (Sub) 480P / (Third) 1080P	(Main) 30FPS @1080P (Sub) 30FPS @720P	(Main) 25/30 FPS @2K (Sub) 480P / (Third) 1080P
Focal Length		Focus: 2.8mm Iris: F1.4 AoV: 107°(H), 56°(V)	Focus: 2.8mm Iris: F1.4 AoV: 108°(H), 58°(V)	Focus: 5.3mm - 64mm Iris: F1.5 AoV: 58°-4°(H), 34°-2°(V)	Focus: 10mm - 50mm Iris: F1.3 - 2.3 AoV: 46° - 10°(H), 40° - 9°(V)	Focus: 2.7mm - 12mm Iris: F1.0 AoV: 115°-48°(H), 59°-27°(V)
IR Distance		Up to 98ft (30m)	Up to 98ft (30m)	Up to 492ft (150m)	Up to 98ft (30m)	No IR (Max 131ft Warm Light)
Minimum Illumination		(Color) 0.007Lux @F1.4 0Lux with IR	0.007Lux @F1.4	0.002Lux @F1.5	0.002Lux	0.0005Lux @F1.0
Video Compression		H264, H265, MJPG	H264, H265, MJPG	H264, H265, MJPG	H264, H265, MJPG	H264, H265, MJPG
Audio I/O		Built-in Mic / Audio In/Out	Built-in Mic / Audio In/Out	Audio In/Out	Audio In/Out	Built-in Audio for 2-Way Talk
Alarm I/O		1/1	1/1	2/1	2/2	1/1
Memory Slot		Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
Smart Features		IMD 2.0, Intrusion, Perimeter Protection, Tripwire	IMD, Intrusion, Perimeter Protection, Tripwire	Missing Object, Face Detection, Fast Moving, Heatmap, Intrusion, Loitering Detection, People Counting, Perimeter Protection, Tripwire	ANPR, Database	Missing Object, Face Detection, Fast Moving, Heatmap, IMD, Intrusion, Loitering Detection, Parking Detection, People Counting, Perimeter Protection, Tripwire
DORI	Detect	287ft (87m)	280ft (85m)	240ft (73m) - 2897ft (883m)	N/A	198ft (60m) - 421ft (128m)
	Observe	115ft (35m)	112ft (34m)	95ft (29m) - 1158ft (353m)	N/A	79ft (24m) - 168ft (51m)
	Recognize	57ft (17m)	56ft (17m)	49ft (15m) - 580ft (177m)	N/A	39ft (12m) - 84ft (26m)
	Identify	28ft (m)	28ft (9m)	23ft (7m) - 289ft (88m)	N/A	19ft (6m) - 42ft (13m)
Protection		IP67	IP67	IK10,IP67	IP67	IK10,IP67
Power		12V DC, PoE	12V DC, PoE	12V DC, PoE, ePoE	12V DC, 24V AC, PoE	12V DC, PoE, ePoE
Working Environment		-40°F ~ +140°F (-40°C ~ +60°C)	-40°F ~ +140°F (-40°C ~ +60°C)	-30°F ~ +140°F (-34°C ~ +60°C)	-22°F ~ +149°F (-30°C ~ +65°C)	-22°F ~ +140°F (-30°C ~ +60°C)
TAA		Yes	No	No	Yes	Yes
Accessories		MNT-JUNCTIONBOX-3-B MNT-PCNRIP-B MNT-POLIP-B MNT-JUNCTIONBOX-1-B	MNT-JUNCTIONBOX-3 MNT-PCNRIP MNT-POLIP	MNT-JUNCTIONBOX-4 MNT-PCNRIP MNT-POLIP	MNT-JUNCTIONBOX-4	MNT-JUNCTIONBOX-6-SQ MNT-ADAPT-SM

IP

HDAVS

RECORDERS

ELITE CAMERAS

Model

IPEL-E80F-IRB3

IPEL-E80F-IRW2

IPEL-E80V-IRW3

IPEL-F12F-IRW2

IPEL-F50F-W2

Appearance



Resolution

8MP

8MP

8MP

12MP

5MP

Lens Type

Fixed

Fixed

Varifocal

Fisheye

Fisheye

Effective Pixels

3840(H) x 2160(V), 4K

3840(H) x 2160(V), 4K

3840(H) x 2160(V), 4K

4000(H) x 3000(V), 5K

2592(H) x 1944(V), 3K

Sensor

1/2.8" 8MP CMOS

1/2.8" 8MP CMOS

1/2.8" 8MP CMOS

1/1.7" 12MP Starvis™ CMOS

1/2.7" 5MP CMOS

Frame Rate

(Main) 20FPS @4K
(Sub) 480P / (Third) 1080P

(Main) 20FPS @4k
(Sub) 480P / (Third) 1080P

(Main) 20FPS @4k
(Sub) 480P / (Third) 1080P

(Main) 25FPS @5K
(Sub) 704x576/(Third) 1280x960

(Main) 25FPS @5MP
(Sub) 480P / (Third) 720P

Focal Length

Focus: 2.8mm
Iris: F1.4
AoV: 107°(H), 56°(V)

Focus: 2.8mm
Iris: F1.4
AoV: 108°(H), 58°(V)

Focus: 2.7mm - 13.5mm
Iris: F1.5
AoV: 109°-30°(H), 56°-17°(V)

Focus: 1.85mm
Iris: F2.0
AoV: 185°(H), 180°(V)

Focus: 1.4mm
Iris: F2.0
AoV: 180°(H), 180°(V)

IR Distance

Up to 98ft (30m)

Up to 98ft (30m)

Up to 131ft (40m)

Up to 33ft (10m)

None. IR sensitive

Minimum Illumination

(Color) 0.007Lux @F2.0
0Lux with IR

0.007Lux @F1.4

(Color) 0.007Lux @F2.0
0Lux with IR

(Color) 0.001Lux @F2.8
0Lux @F2.8 with IR

(Color) 0.006Lux @F2.0
0Lux with IR

Video Compression

H264, H265, MJPG

H264, H265, MJPG

H264, H265, MJPG

H264, H265, MJPG

H264, H265, MJPG

Audio I/O

Built-in Mic

Built-in Mic

Built-in Mic

Built-in Mic / Audio In/Out

Built-in Mic / Audio In/Out

Alarm I/O

1/1

N/A

N/A

2/2

1/1

Memory Slot

Micro SD, Max 256GB

Micro SD, Max 256GB

Micro SD, Max 256GB

Micro SD, Max 256GB

Micro SD, Max 256GB

Smart Features

IMD 2.0, Intrusion, Perimeter Protection, Tripwire

IMD, Intrusion, Perimeter Protection, Tripwire

IMD 2.0, Intrusion, Perimeter Protection, Tripwire

Heatmap, Intrusion, People Counting, Tripwire

Heatmap, Intrusion, People Counting, Perimeter Protection, Tripwire

DORI

Detect
Observe
Recognize
Identify

287ft (87m)
115ft (35m)
57ft (17m)
28ft (9m)

280ft (85m)
112ft (34m)
56ft (17m)
28ft (9m)

289ft (88m) - 950ft (290m)
115ft (35m) - 379ft (116m)
58ft (18m) - 189ft (58m)
28ft (9m) - 95ft (29m)

131ft (40m)
52ft (16m)
26ft (8m)
13ft (4m)

92ft (28m)
36ft (11m)
18ft (5m)
9ft (3m)

Protection

IP67

IP67

IP67

IK10,IP67

IK10,IP67

Power

12V DC, PoE

12V DC, PoE

12V DC, PoE

12V DC, PoE

12V DC, PoE

Working Environment

-40°F ~ +140°F (-40°C ~ +60°C)

-40°F ~ +140°F (-40°C ~ +60°C)

-40°F ~ +140°F (-40°C ~ +60°C)

-40°F ~ +140°F (-40°C ~ +60°C)

-22°F ~ +140°F (-30°C ~ +60°C)

TAA

Yes

Yes

Yes

Yes

No

Accessories

MNT-JUNCTIONBOX-7-B
MNT-IPMINIDOME-WALL-B
MNT-JUNCTIONBOX-3-B
MNT-GB-PLATE-1

MNT-JUNCTIONBOX-7
MNT-IPMINIDOME-WALL
MNT-JUNCTIONBOX-1
MNT-JUNCTIONBOX-3

MNT-ADAPT-SM
MNT-IPMINIDOME-WALL
MNT-JUNCTIONBOX-3
MNT-GB-PLATE-1

MNT-DVIR-MPA100
MNT-ARM-MPB300S
MNT-CEILING-MPA
MNT-JUNCTIONBOX-5

MNT-ADAPT-SM
MNT-JUNCTIONBOX-6
MNT-IPMINIDOME-WALL
MNT-POLIP

IP

HDAVS

RECORDERS

ELITE CAMERAS

Model		IPEL-M80V-IRW1	IPEL-DL80F-IRW1	IPEL-P8040X-IRW2-AI	THIP-P4078FM-IR
Appearance		 	 	 	 
Resolution		1080P	4MP	8MP	4MP
Lens Type		Multi Directional	Multi Directional	Varifocal	Fixed
Effective Pixels		1920(H) x 1080(V), 1080P	2560(H) x 1440(V) x2, QHD	3840(H) x 2160(V), 4K	256x192 (Thermal) 2336 x 1752 (Visible)
Sensor		Four 1/2.8" 2MP CMOS	1/2.7" CMOS x2	1/1.8" 8MP CMOS	Uncooled VOx & 1/2.8 inch CMOS
Frame Rate		(Main) 25/30FPS @1080P (Sub) 480P	(Main) 25/30FPS @1440P (Sub) 480P / (Third) 1080P	(Main) 25/30FPS @4k (Sub) 480P / (Third) 1080P	(Thermal) 25FPS (Visible) 25FPS
Focal Length		Focus: 2.7mm - 12mm Each Camera Iris: F1.8 AoV: 105° ~44°(H), 54° ~25°(V)	Focus: 2.8mm Iris: F1.6 AoV: 95°(H); 52°(V)	Focus: 5.6mm - 223mm Iris: F1.4 - F4.5 AoV: 63.9°-2.0°(H), 37.3°-1.1°(V)	Focus: 7mm (Thermal), 8mm (Visible) Iris: F1.0 (Thermal), F2.0 (Visible) AoV: 24°(H), 18°(V), 33.4° (H), 25°(V)
IR Distance		Up to 98ft (30m) Each Camera	Up to 98ft (30m)	Up to 1640ft (500m)	Up to 164ft (50m)
Minimum Illumination		(Color) 0.005Lux @F1.8 0Lux @F1.8 with IR	(Color) 0.005Lux @F1.6 0Lux with IR	(Color) 0.005Lux @F1.4 0Lux @F1.4 with IR	(Color) 0.05Lux 0Lux with IR
Video Compression		H264, H265, MJPG	H264, H265, MJPG	H264, H265, MJPG	H264, H265, MJPG
Audio I/O		Audio In/Out	Built-in Mic / Audio In/Out	Audio In/Out	Built-in Speaker / Audio In/Out
Alarm I/O		1/1	2/2	7/2	2/1
Memory Slot		Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
Smart Features		Intrusion, Tripwire	Missing Object, Face Detection, IMD, Intrusion, People Counting, Perimeter Protection, Tripwire	AI Auto Tracking, Missing Object, Audio Detection, Intrusion, Perimeter Protection, Tripwire	AI Auto Tracking, Fire Detection, Intrusion, Perimeter Protection, Tripwire
DORI	Detect	148ft (45m) - 325ft (99m)	208ft (63m)	14435ft (4400m)	Vehicle: 1276ft, Human: 479ft
	Observe	59ft (18m) - 131ft (40m)	83ft (25m)	5708ft (1740m)	Vehicle: 318ft, human: 125ft
	Recognize	20ft (6m) - 66ft (20m)	41ft (13m)	2887ft (880m)	Vehicle: 161ft, Human: 62ft
	Identify	14ft (4m) - 33ft (10m)	21ft (6m)	1443ft (440m)	
Protection		IK10,IP67	IK10,IP67	IP67	IP66
Power		24V AC, PoE+	12V DC, PoE	36V DC, Hi-PoE	12V DC, PoE+
Working Environment		-22°F ~ +140°F (-30°C ~ +60°C)	-40°F ~ +140°F (-40°C ~ +60°C)	-40°F ~ +140°F (-40°C ~ +60°C)	14°F ~ 122°F (-10°C ~ +50°C)
TAA		No	Yes	Yes	
Accessories		MNT-BOX 2 MNT-BOX-MPA120 MNT-MLD-ADAPTER MNT-CEILING-MPA	MNT-ADAPT-SM MNT-IPMINIDOME-WALL MNT-JUNCTIONBOX-7 MNT-CEILING-30	MNT-ARM-V2 MNT-POLIP MNT-PCNRIP MNT-CEILING-MPA	MNT-ARM-V2 MNT-POLIP MNT-PCNRIP MNT-CEILING-MPA

IP

HDAVS

RECORDERS



AI-Assisted License Plate Recognition

Total surveillance with ANPR-powered metadata retrieval, alarm triggers, and vehicle identification. Capture plates up to 98ft, identify vehicles up to 37mph, and store data internally.

**GATED
HOMES**

**CORPORATE
CAMPUSES**

**TRANSPORT
INDUSTRIES**

**PUBLIC
PARKING**

**STADIUMS
& EVENTS**

**COLLEGE &
UNIVERSITIES**



THERMAL

Hybrid Thermal Cameras



POWER TO SEE BEYOND.

4MP QHD Color & Thermal Video
in one 360° Pan/Tilt camera.



HIGH SENSITIVITY

Capture detailed live
video & sensitive
temperature differences
for digital records from
any direction.



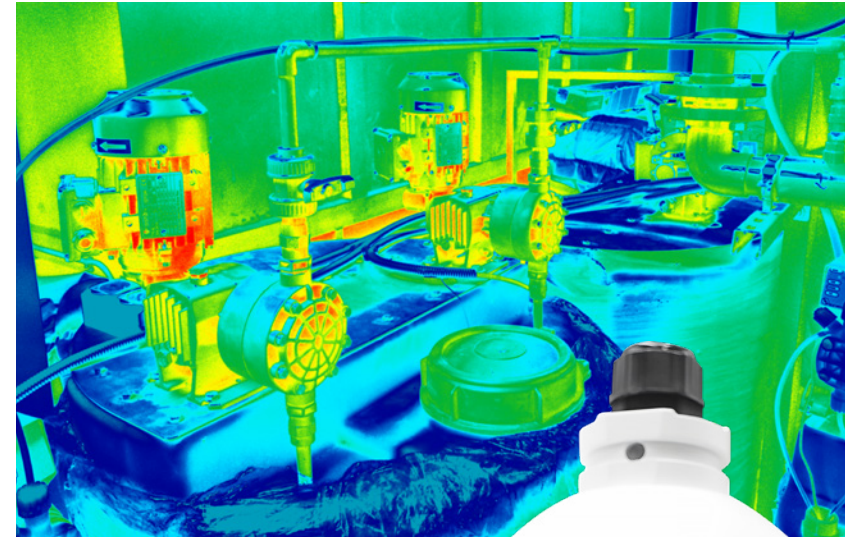
FIRE DETECTION & ALARM

Temperature sensitivity
gives the ability to see
& intervene before fires
start and can detect fires
at long distances.



SMART ALARM LINKAGE

Ability to flash white
lights, speak through the
loudspeaker, and record
snapshots when events
are detected.



HDAVS

COAX CAMERAS



Power and
performance for
legacy coaxial
systems.

Coaxial Power, Enhanced Performance

Our HDAVS cameras are designed specifically for coaxial systems, delivering the same exceptional power and performance as our IP gear. Ideal for projects with older systems in need of a camera upgrade without transitioning to IP, these cameras provide an excellent solution for enhanced video surveillance.

HDAVS CAMERAS

Model		HDEG-B50F-IR-M1	HDEG-E50F-IR-M1	ICR-200H-V2	ICR-200HW-V2	HDEG-D50F-IR1
Appearance		 	 	 	 	 
Resolution		5MP	5MP	1080P	1080P	5MP
Lens Type		Fixed	Fixed	Fixed	Fixed	Fixed
Effective Pixels		2880(H) x 1620(V), 3K	2880(H) x 1620(V), 3K	1920(H) x 1080(V), 1080P	1920(H) x 1080(V), 1080P	2880(H) x 1620(V), 3K
Sensor		1/2.7" Starlight CMOS	1/2.7" CMOS	2MP CMOS	2MP CMOS	1/2.7" CMOS
Frame Rate		(AVS) 25FPS @5MP (TVI/AHD) 30FPS @4MP	(AVS) 25FPS @5MP (TVI/AHD) 30FPS @4MP	(AVS) 25/30FPS @1080P (TVI/AHD) 30FPS @4MP	(AVS) 25/30FPS @1080P (TVI/AHD) 30FPS @4MP	(AVS) 25FPS @5MP (TVI/AHD) 30FPS @4MP
Focal Length		Focus: 2.8mm Iris: F1.6 AoV: 132°(H), 111°(V)	Focus: 2.8mm Iris: F1.6 AoV: 132°(H), 111°(V)	Focus: 2.8mm Iris: F1.6 AoV: 109°(H); 127°(D)	Focus: 2.8mm Iris: F1.6 AoV: 109°(H); 127°(D)	Focus: 2.8mm Iris: F1.6 AoV: 132°(H), 111°(V)
IR Distance		Up to 131ft (40m)	Up to 197ft (60m)	Up to 197ft (60m)	Up to 197ft (60m)	Up to 98ft (30m)
Minimum Illumination		0.001Lux @F1.6 0Lux with IR	0.001Lux @F1.6 0Lux with IR	0.001Lux @F1.6 0Lux with IR	0.001Lux @F1.6 0Lux with IR	0.001Lux @F1.6 0Lux with IR
Audio I/O		Built-in Mic	Built-in Mic	Built-in Mic / Audio In	Built-in Mic / Audio In	N/A
Alarm I/O		N/A	N/A	N/A	N/A	N/A
Format Compatibility		Multi-Format Coax Switch, AVS / AHD / TVI / CVI / Analog (CVBS)	Multi-Format Coax Switch, AVS / AHD / TVI / CVI / Analog (CVBS)	Multi-Format Coax Switch, AVS / AHD / TVI / CVI / Analog (CVBS), External Audio Input Encoding	Multi-Format Coax Switch, AVS / AHD / TVI / CVI / Analog (CVBS), External Audio Input Encoding	Multi-Format Coax Switch, AVS / AHD / TVI / CVI / Analog (CVBS)
DORI	Detect	209ft (64m)	262ft (80m)	138ft (42m)	138ft (42m)	208ft (63m)
	Observe	83ft (25m)	83ft (25m)	55ft (17m)	55ft (17m)	83ft (25m)
	Recognize	42ft (13m)	41ft (13m)	27ft (8m)	27ft (8m)	41ft (13m)
	Identify	21ft (6m)	21ft (6m)	13ft (4m)	13ft (4m)	21ft (6m)
Protection		IP67	IP67	IP67	IP67	IK10,IP67
Power		12V ±30% DC	12V ±30% DC	12V ±30% DC	12V ±30% DC	12V ±30% DC
Working Environment		-40°F ~ +140°F (-40°C ~ +60°C)	-40°F ~ +140°F (-40°C ~ +60°C)	-40°F ~ +140°F (-40°C ~ +60°C)	-40°F ~ +140°F (-40°C ~ +60°C)	-40°F ~ +140°F (-40°C ~ +60°C)
TAA		No	No	No	No	No
Accessories		MNT-JUNCTIONBOX-4 MNT-POLIP MNT-PCNRIP	MNT-IPMINIDOME-WALL MNT-JUNCTIONBOX-7 MNT-PCNRIP MNT-POLIP	MNT-POLEXT-30 MNT-JUNCTIONBOX-3-B MNT-IPMINIDOME-WALL-B MNT-JUNCTIONBOX-1	MNT-POLEXT-30 MNT-IPMINIDOME-WALL MNT-JUNCTIONBOX-1 MNT-JUNCTIONBOX-3	MNT-JUNCTIONBOX-6 MNT-JUNCTIONBOX-6-SQ MNT-IPMINIDOME-WALL MNT-PCNRIP

IP

HDAVS

RECORDERS

HDAVS CAMERAS

Model HDMX-B50V-IR-DPM1 HDMX-D50V-IR-DP1 HDMX-E50V-IR-DPM1 ICR-PIR-IR ICR-300H4-V2

Appearance



Resolution

5MP

5MP

5MP

1080P

1080P

Lens Type

Varifocal

Varifocal

Varifocal

Fixed

Varifocal

Effective Pixels

2880(H) x 1620(V), 3K

2880(H) x 1620(V), 3K

2880(H) x 1620(V), 3K

976(H) x 582(V), 700TVL

1920(H) x 1080(V), 1080P

Sensor

1/2.7" Starlight CMOS

1/2.7" Starlight CMOS

1/2.7" Starlight CMOS

1/3" Sony Super HAD II

1/2.8" CMOS

Frame Rate

(AVS) 25FPS @5MP
(TVI/AHD) 30FPS @4MP

(AVS) 25FPS @5MP
(TVI/AHD) 30FPS @4MP

(AVS) 25FPS @5MP
(TVI/AHD) 30FPS @4MP

700TVL /2MP

30FPS @1080P

Focal Length

Focus: 2.7mm - 13.5mm
Iris: F1.6
AoV: 31.4°-113°(H), 17.6°-58°(V)

Focus: 2.7mm - 13.5mm
Iris: F1.6
AoV: 31.4°-113°(H), 17.6°-58°(V)

Focus: 2.7mm - 13.5mm
Iris: F1.6
AoV: 31.4°-113°(H), 17.6°-58°(V)

Focus: 3.7mm
Iris: N/A
AoV: N/A

Focus: 2.7mm - 13.5mm
Iris: F1.6
AoV: 108.7°~28.7°(H)

IR Distance

Up to 262ft (80m)

Up to 98ft (30m)

Up to 197ft (60m)

Up to 49ft (15m)

Up to 197ft (60m)

Minimum Illumination

0.001Lux @F1.6
0Lux with IR

0.001Lux @F1.6
0Lux with IR

0.001Lux @F1.6
0Lux with IR

0.004Lux @F1.6
0Lux with IR

Audio I/O

Built-in Mic

N/A

Built-in Mic / Audio In

Built-in Mic

Built-in Mic / Audio In

Alarm I/O

N/A

N/A

N/A

N/A

N/A

Format Compatibility

Multi-Format Coax Switch, AVS /
AHD / TVI / CVI / Analog (CVBS)

Multi-Format Coax Switch, AVS /
AHD / TVI / CVI / Analog (CVBS)

Multi-Format Coax Switch, AVS /
AHD / TVI / CVI / Analog (CVBS)

HDAVS / Analog (CVBS) switchable

HDAVS / Analog (CVBS) switchable

DORI

Detect
Observe
Recognize
Identify

210ft (64m) - 689ft (210m)
83ft (25m) - 275ft (84m)
42ft (13m)- 137ft (42m)
21ft (6m) - 68ft (21m)

210ft (64m) - 689ft (210m)
83ft (25m) - 275ft (84m)
42ft (13m)- 137ft (42m)
21ft (6m) - 68ft (21m)

208ft (63m) - 689ft (210m)
83ft (25m) - 275ft (84m)
42ft (13m)- 137ft (42m)
21ft (6m) - 68ft (21m)

N/A
N/A
N/A
N/A

502ft (153m) - 144ft (44m)
59ft (18m) - 200ft (61m)
30ft (9m) - 102ft (31m)
13ft (4m) - 49ft (15m)

Protection

IP67

IK10,IP67

IP67

Indoor

IP67

Power

12V ±30% DC, 24V AC

12V ±30% DC, 24V AC

12V ±30% DC, 24V AC

12V ±30% DC

12V ±30% DC

Working Environment

-22°F ~ +140°F (-30°C ~ +60°C)

-22°F ~ +140°F (-30°C ~ +60°C)

-22°F ~ +140°F (-30°C ~ +60°C)

-40°F ~ +140°F (-40°C ~ +60°C)

-22°F ~ +140°F (-30°C ~ +60°C)

TAA

No

No

No

No

No

Accessories

MNT-JUNCTIONBOX-1
MNT-JUNCTIONBOX-3

MNT-JUNCTIONBOX-7
MNT-ADAPT-SM
MNT-PCNRIP
MNT-IPMINIDOME-WALL

MNT-IPMINIDOME-WALL
MNT-JUNCTIONBOX-1
MNT-ADAPT-SM
MNT-CEILING-30

POWER-PLUG
POWER-JACK
PWR-12VDC

MNT-IPMINIDOME-WALL
MNT-JUNCTIONBOX-7-B
MNT-JUNCTIONBOX-3-B

IP

HDAVS

RECORDERS

HDAVS CAMERAS

Model

ICR-300H4W

AVS-ID1-V2

HDEL-P2032X-IRW1

AVS-PANO-A007

Appearance



Resolution

1080P

1080P

1080P

1080P

Lens Type

Varifocal

Varifocal

Varifocal

Multi Directional

Effective Pixels

1920(H) x 1080(V), 1080P

1945(H) x 1109(V), 1080P

1920(H) x 1080(V), 1080P

3840(H) x 2160(V), 4K

Sensor

1/2.8" Starlight CMOS

1/2.8" Starvis™ CMOS

1/2.8" Starvis™ CMOS

Three 1/2.8" 2MP CMOS

Frame Rate

25/30FPS @1080P
50/60FPS @720P

25/30FPS @1080P
30/60FPS @720P

25/30FPS @1080P
60FPS @720P

(PAL) 12.5FPS @4K
(NTSC) 25FPS @4MP

Focal Length

Focus: 2.7mm - 13.5mm
Iris: F1.6
AoV: 108.7° - 28.7°(H)

Focus: 5.0mm - 50mm
Iris: F1.4
AoV: 27.7°~4.2°(H), 59.1°(V)

Focus: 4.5mm - 144mm
Iris: F1.6 - F4.0
AoV: 60.1°~2.8°(H), 34.4°~1.5°(V)

Focus: 3.6mm
Iris: F1.8
AoV: 180° (H)

IR Distance

Up to 197ft (60m)

Up to 50ft (15m)

Up to 492ft (150m)

Up to 66ft (20m)

Minimum Illumination

0.004Lux @F1.6 0Lux with IR

0Lux (Continuous IR)

(Color) 0.005Lux @F1.6
0Lux @F1.6 with IR

(Color) 0.005Lux @F1.8
0Lux @F1.8 with IR

Audio I/O

Built-in Mic / Audio In

N/A

Audio In

Audio In

Alarm I/O

N/A

N/A

2/1

2.1

Format Compatibility

HDAVS / Analog (CVBS) switchable

Dedicated Analog License Plate Camera,
HDAVS / Analog (CVBS) switchable

Multi-Format Coax Switch, AVS / AHD / TVI /
CVI / Analog (CVBS)

HDAVS / Analog (CVBS) switchable

DORI

Detect
Observe
Recognize
Identify

144ft (44m) - 502ft (153m)
59ft (18m) - 200ft (61m)
30ft (9m) - 102ft (31m)
13ft (4m) - 49ft (15m)

N/A
N/A
N/A
N/A

6515ft (1984m)
2575ft (785m)
1305ft (398m)
649ft (198m)

163ft (50m)
65ft (20m)
33ft (10m)
16ft (5m)

Protection

IP67

IP66

IP67

IK10,IP67

Power

12V ±30% DC

12V ±30% DC

12V ±30% DC

24V AC

Working Environment

-22°F ~ +140°F (-30°C ~ +60°C)

14°F ~ 131°F (-10°C ~ +55°C)

-40°F ~ +158°F (-40°C ~ +70°C)

-22°F ~ +140°F (-30°C ~ +60°C)

TAA

No

Yes

No

No

Accessories

MNT-JUNCTIONBOX-3
MNT-IPMINIDOME-WALL
MNT-JUNCTIONBOX-7

MNT-CEILING-MPA
MNT-BOX 2
MNT-POL303
MNT-BOX-MPA120

MNT-JBOX-AVSPAN0
MNT-PCNRIP
MNT-POLIP

IP

HDAVS

RECORDERS

RECORDERS

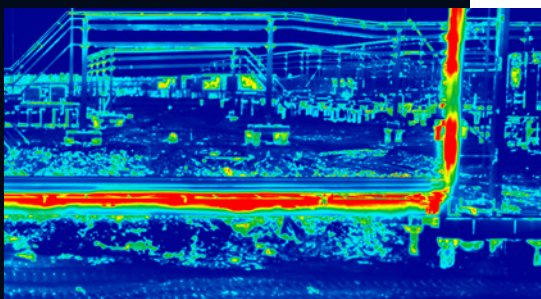
NVR / AVR / PENTABRID



High-capacity storage to meet the demands of any surveillance setup.

Streamline installation and configuration

Our recorders cater to a wide range of projects, from small single-home setups to large-scale commercial installations with 100+ cameras. Designed for both IP and Penta-Brid Coax systems, most of our recorders offer advanced AI technology to enhance the power of our cameras.



Specialty Project Installs



Government Facilities



**Multi-site
Convenience Stores**

WHY INSTALL WITH OUR RECORDERS?

Our recorders effortlessly handle diverse camera counts, integrating advanced features for reliable video security. With integrated AI technology, they deliver powerful performance for seamless residential and commercial installations.

For enterprise-level projects, our robust VMS solutions in partnership with IP Configure offer seamless integration and advanced management. Dealers trust our recorders and VMS to meet diverse customer demands, empowering them with top-of-the-line security solutions.

Advanced video
compression with
H.265-enabled recorders

RECORDERS

Model NVR-EG08POE-1U4K1 NVR-MX08POE-1U4K1 NVR-MX16POE-1U4K1 NVR-FX08POE-1U4K1

Appearance				
Series	Edge	Max	Max	Flex
Size & Technology	Mini 1U IP	1U IP	1U IP	1U IP
Channels	8	8	16	8
Resolution	Up to 12MP	Up to 8MP	Up to 8MP	Up to 8MP
Display Resolution	HDMI: 1920x1080 VGA: 1920x1080	HDMI: 3840x62160 VGA: 1920x1080	HDMI: 3840x62160 VGA: 1920x1080	HDMI: 3840x62160 VGA: 1920x1080
Throughput	80Mbps	128Mbps	128Mbps	128Mbps
POE	Built-in 8 Port	Built-in 8 Port	Built-in 16 Port	Built-in 8 Port
Intelligence	IMD, Intrusion, Tripwire	Abandoned / Missing Object, Audio Detection, Heatmap, IMD, Intrusion, People Counting, Perimeter Protection, Tripwire	Abandoned / Missing Object, Audio Detection, Heatmap, IMD, Intrusion, People Counting, Perimeter Protection, Tripwire	Abandoned / Missing Object, Audio Detection, Heatmap, IMD, Intrusion, People Counting, Perimeter Protection, Tripwire
IP Input	8 Ch. Up To 12 MP	8 Ch. Up To 8MP	16 Ch. Up To 8MP	8 Ch. Up To 8MP
HDAVS Input	N/A	N/A	N/A	N/A
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	None	4/1	4/2	4/1
HDD Capacity	Up to 10TB	Up to 8TB	Up to 8TB	Up to 8TB
Storage	10TB	16TB	16TB	16TB
Ethernet	1 RJ-45 (10/100Mbps)	1 RJ-45 (10/100/1000Mbps)	1 RJ-45 (10/100/1000Mbps)	1 RJ-45 (10/100/1000Mbps)
Installation	Desktop / Rack Mountable	Desktop	Desktop	Desktop / Rack Mountable
USB	2 USB2.0	1 USB2.0, 1 USB3.0	1 USB2.0, 1 USB3.0	1 USB2.0, 1 USB3.0
Compatibility	ONVIF, CGI, SDK	ONVIF 2.4, CGI, SDK	ONVIF 2.4, CGI, SDK	ONVIF 2.4, CGI, SDK
Power Supply	48/53 VDC, 2/1.8A	100~240V AC, 47/63HZ	100~240V AC, 50/60Hz	100~240V AC, 47/63HZ

IP

HDAVS

RECORDERS

RECORDERS

Model NVR-FX16POE-1U4K1 NVR-EL128-4U12MP1 NVR-EL16-2U32MP1 NVR-EL32-2U32MP1

Appearance				
Series	Flex	Elite	Elite	Elite
Size & Technology	1U IP	3U IP	2U IP	2U IP
Channels	16	128	16	32
Resolution	Up to 8MP	Up to 12MP	Up to 32MP	Up to 32MP
Display Resolution	HDMI: 3840x62160 VGA: 1920x61080	HDMI: 3840x62160 VGA: 1920x61080	HDMI: 3840x62160 VGA: 1920x61080	HDMI 3: 7680x4320 VGA: 1920x61080
Throughput	128Mbps	384Mbps	384Mbps	1024Mbps
POE	Built-in 16 Port	None	None	None
Intelligence	Abandoned / Missing Object, Audio Detection, Heatmap, IMD, Intrusion, People Counting, Perimeter Protection, Tripwire	ANPR, Abandoned / Missing Object, Face Detection, Face Recognition, Fisheye Dewarp, Heatmap, Intrusion, People Counting, Tripwire	ANPR, Audio Detection, Face Detection, Face Recognition, Fisheye Dewarp, Heatmap, IMD, Intrusion, People Counting, Perimeter Protection, Tripwire	ANPR, Abandoned / Missing Object, Face Detection, Face Recognition, Fisheye Dewarp, Heatmap, IMD, Intrusion, People Counting, Perimeter Protection, Tripwire
IP Input	16 Ch. Up To 8MP	128 Ch. Up To 12 MP	16 Ch. Up To 32 MP	32 Ch. Up To 32 MP
HDAVS Input	N/A	N/A	N/A	N/A
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	4/2	16/8	16/6	16/8
HDD Capacity	Up to 8TB	Up to 10TB	Up to 10TB	Up to 10TB
Storage	16TB	160TB	80TB	128TB
Ethernet	1 RJ-45 (10/100/1000Mbps)	4 RJ-45 (10/100/1000Mbps)	2 RJ-45 (10/100/1000Mbps)	2 RJ-45 (10/100/1000Mbps)
Installation	Desktop / Rack Mountable	Rack Mountable	Desktop / Rack Mountable	Desktop / Rack Mountable
USB	1 USB2.0, 1 USB3.0	2 USB2.0, 2 USB3.0	2 USB2.0, 2 USB3.0	2 USB2.0, 2 USB3.0
Compatibility	ONVIF 2.4, CGI, SDK	ONVIF, CGI, SDK	ONVIF 2.4, CGI, SDK	ONVIF 2.4, CGI, SDK
Power Supply	100~240V AC, 47/63HZ	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz	100~240V AC, 50/60Hz

IP

HDAVS

RECORDERS

RECORDERS

Model NVR-EL64-2U32MP1 HDVR-MX0402-1U5MP-AI2 HDVR-MX0804-1U5MP-AI2 HDVR-MX0808-1U4K-AI3

Appearance				
Series	Elite	Max	Max	Max
Size & Technology	2U IP	Mini 1U Penta-Brid Coax	Mini 1U Penta-Brid Coax	1U Penta-Brid Coax
Channels	64	4+2	8+4	8+8
Resolution	Up to 32MP	Up to 5MP	Up to 5MP	Up to 8MP
Display Resolution	HDMI 3: 7680x4320 VGA: 1920x61080	HDMI: 1920x1080 VGA: 1920x61080	HDMI: 1920x1080 VGA: 1920x61080	HDMI: 3840x62160 VGA: 1920x61080
Throughput	1024Mbps	32Mbps	128Mbps	128Mbps
POE	None	None	None	None
Intelligence	ANPR, Abandoned / Missing Object, Face Detection, Face Recognition, Fisheye Dewarp, Heatmap, IMD, Intrusion, People Counting, Perimeter Protection, Tripwire	Database, Face Detection, Face Recognition, IMD, Intrusion, Perimeter Protection, Tripwire	Database, Face Detection, Face Recognition, IMD, Intrusion, Perimeter Protection, Tripwire	Database, Face Detection, Face Recognition, IMD, Intrusion, Perimeter Protection, Tripwire
IP Input	64 Ch. Up To 32 MP	4+2 Ch. Up to 6MP	8+4 Ch. Up to 6MP	8+8 Ch. Up to 8MP
HDAVS Input	N/A	4 Ch.	8 Ch.	8 Ch.
Audio I/O	1/1	4/1	4/1	8/3
Alarm I/O	16/8	8/3	8/3	8/3
HDD Capacity	Up to 10TB	Up to 10TB	Up to 10TB	Up to 10TB
Storage	128TB	10TB	10TB	20TB
Ethernet	2 RJ-45 (10/100/1000Mbps)	1 RJ-45 (10/100Mbps)	1 RJ-45 (10/100Mbps)	1 RJ-45 (10/100/1000Mbps)
Installation	Desktop / Rack Mountable	Desktop	Desktop	Desktop / Rack Mountable
USB	2 USB2.0, 2 USB3.0	2 USB2.0	2 USB2.0	1 USB2.0, 1 USB3.0
Compatibility	ONVIF 2.4, CGI, SDK	ONVIF 21.06, CGI	ONVIF 21.06, CGI	ONVIF 21.12, CGI
Power Supply	100~240V AC, 50/60Hz	12V DC, 1.5A	12V DC, 2A	12V DC, 5A

RECORDERS

Model HDVR-MX1608-1U5MP-AI2 HDVR-MX1616-1U4K-AI3 HDVR-EL1616-2U4K-AI1 HDVR-EL3200-2U5MP-AI2

Appearance



16+8 CH



16+16 CH



16+48 CH



32 CH

Series

Max

Max

Elite

Elite

Size & Technology

1U Penta-Brid Coax

1U Penta-Brid Coax

2U Penta-Brid Coax

2U Penta-Brid Coax

Channels

16+8

16+16

16+16

32

Resolution

Up to 5MP

Up to 8MP

Up to 8MP

Up to 5MP

Display Resolution

HDMI: 3840×62160
VGA: 1920×61080

HDMI: 3840×62160
VGA: 1920×61080

HDMI: 1920x1080
VGA: 1920×61080

HDMI: 3840×62160
VGA: 1920×61080

Throughput

128Mbps

128Mbps

128Mbps

128Mbps

POE

None

None

None

None

Intelligence

Database, Face Detection, Face Recognition, IMD, Intrusion, Perimeter Protection, Tripwire

Database, Face Detection, Face Recognition, IMD, Intrusion, Perimeter Protection, Tripwire

Database, Face Detection, Face Recognition, IMD, Intrusion, Perimeter Protection, Tripwire

Database, Face Detection, Face Recognition, IMD, Intrusion, Perimeter Protection, Tripwire

IP Input

16+8 Ch. Up to 6MP

16+16 Ch. Up to

16 Ch. Up to MP

32 Ch. Up to 8MP

16 Ch.

HDAVS Input

16 Ch.

16 Ch.

32 Ch.

Audio I/O

16/1

16/1

16/1

16/1

16/3

Alarm I/O

None

16/6

16/6

Up to 10TB

Up to 10TB

Up to 10TB

Up to 10TB

20TB

Storage

20TB

80TB

80TB

1 RJ-45 (10/100/1000Mbps)

1 RJ-45 (10/100/1000Mbps)

2 RJ-45 (10/100/1000Mbps)

2 RJ-45 (10/100/1000Mbps)

Desktop

Desktop / Rack Mountable

Desktop / Rack Mountable

Desktop / Rack Mountable

1 USB2.0, 1 USB3.0

1 USB2.0, 1 USB3.0

2 USB2.0, 2 USB3.0

2 USB2.0, 2 USB3.0

ONVIF 16.12, CGI

ONVIF 21.12, CGI

ONVIF 21.12, CGI

ONVIF 21.12, CGI

Power Supply

12V DC, 4A

12V DC, 5A

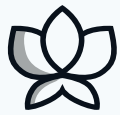
100~240V AC, 50/60Hz

100~240V AC, 50/60Hz

IP

HDAVS

RECORDERS



NDAA Compliant Secure VMS Solutions

Meet our all-new dynamic VMS solution, scalable to suit installations of any size, and works with our NDAA Compliant cameras.

/PCONFIGURE

IC REALTIME

A Streamlined VMS for Your Clients To Simplify Surveillance Management

Scalability and Customization:

Expand your clients' surveillance networks, tailor settings to their needs, and unlock limitless growth possibilities.

Flexible Storage Options:

Offer cloud, server, or local storage options, allowing clients to choose the best options for accessible footage.

Easily Manage Multiple Sites:

Enable efficient security operations across multiple locations, streamlining clients' overall system management.



Secure, Flexible & Scalable

Orchid Video Management Software offers users a powerful way to record, manage, and view their video surveillance platform.

- Single interface for all camera streams
- Browser-based with mobile app support
- Ability to dewarp and resize streams
- Multi-camera synchronized playback
- Runs on your internal network
- Intuitive and easy-to-learn

Simplify Surveillance Management

Scalability and Customization

Flexible Storage Options

Effortlessly Manage Multiple Sites

ACCESSORIES

JUNCTION BOXES / NETWORKING GEAR

Seamlessly
integrate & amplify
surveillance installs

Maximize Efficiency and Functionality

Simplify the installation process and minimize time with our simple yet practical solutions, ensuring a hassle-free installation for dealers and premium performance for their customers. From junction boxes and Ethernet cables to connectors, networking switches, and more, we provide all the components needed for a seamless and reliable setup.



Time-Saving Camera Solutions

IC Realtime's video surveillance accessories streamline installations, saving time and relieving stress with weather-tight junction boxes, adapters, and mounts for any project build.

Mounts are pre-drilled and sized to "screwdriver fit" various cameras. Appropriate hardware is included.



JUNCTION BOX

MNT-BOX 2
MNT-BOX-B
MNT-BOX-MPA120
MNT-JBOX-AVSPANO
MNT-JUNCTIONBOX-1
MNT-JUNCTIONBOX-1-B
MNT-JUNCTIONBOX-3
MNT-JUNCTIONBOX-3-B
MNT-JUNCTIONBOX-4
MNT-JUNCTIONBOX-4-B
MNT-JUNCTIONBOX-5
MNT-JUNCTIONBOX-6
MNT-JUNCTIONBOX-6-B
MNT-JUNCTIONBOX-6-SQ
MNT-JUNCTIONBOX-7
MNT-JUNCTIONBOX-7-B
MNT-JUNCTIONBOX-8
MNT-JUNCTIONBOX-8-B
MNT-JUNCTIONBOX-9

POLE MOUNT

MNT-POLIP
MNT-POLIP-B

CORNER MOUNT

MNT-PCNRIP-B
MNT-PCNRIP

WALL MOUNT

MNT-ARM-B-V2
MNT-ARM-V2
MNT-IPMINIDOME-WALL
MNT-IPMINIDOME-WALL-2
MNT-IPMINIDOME-WALL-3
MNT-IPMINIDOME-WALL-B
MNT-POL303
MNT-S3000AF

CEILING MOUNT

MNT-CEILING-30
MNT-CEILING-MPA
MNT-REC1
MNT-REC2
MNT-POLEXT-30
MNT-POLEXT-7.5

ADAPTOR

MNT-ADAPT-SM
MNT-DVIR-B-V2
MNT-DVIR-MPA100
MNT-DVIR-V2
MNT-GB-PLATE-1
MNT-MLD-ADAPTER
MNT-N23X4D-MPA102

OTHER

MNT-RACK-1U
DVR LOCK BOX
DVR LOCK BOX LG
DVR LOCK BOX SM
DVR-Lockbox V-Wall

NETWORKING ACCESSORIES

We offer high-quality network switches, wireless solutions, and ethernet cabling & connectors from top brands we partner with.

Visit ICREALTIME.com for a complete and up to date list of our parts.

PROFESSIONAL QUALITY

Networking Equipment

Cutting-edge camera systems demand pro-level networking gear. Engenius switches & wireless gear, SCP cables, and Simply45® connectors perfectly match IC Realtime's quality standards.

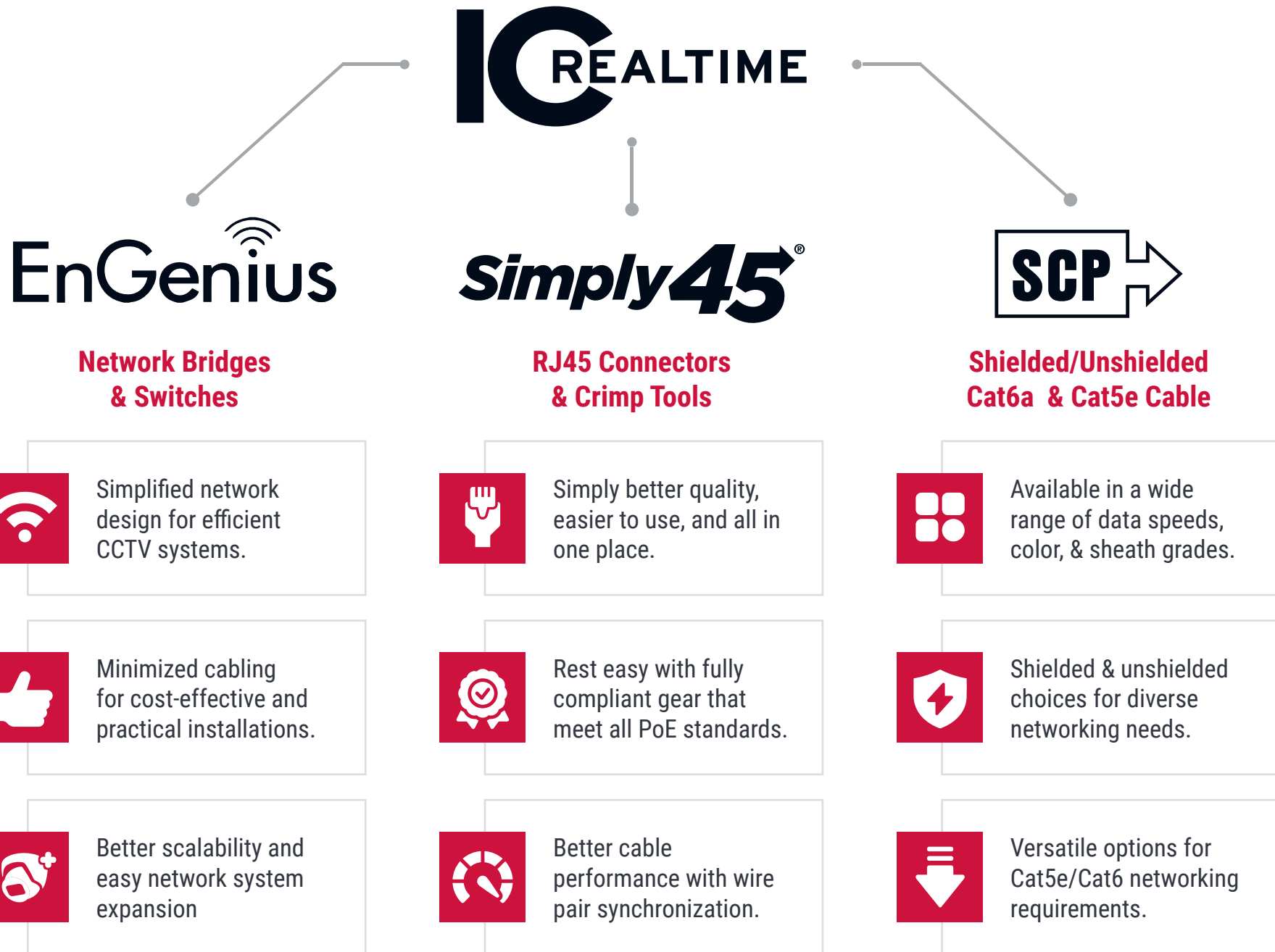
We sell the best, so we partner with the best.

ENGENIUS wireless & POE switches offer massive ranges & high POE power.

SIMPLY 45® cable terminations & Crimp Tool make cabling projects quick and easy.

SCP cables deliver easy pulls from Plenum-rated to direct burial outdoor.





Portable Off-Grid Surveillance

NEMA I.C.E. BOX

Portable Powerhouse

Our NEMA solutions offer robust protection for off-grid surveillance. Designed for construction sites, concerts, storage yards and more, these portable boxes provide true security anywhere.

Remote Weatherproof
Video Systems
designed for your
most challenging
installations.



100% PORTABLE AND EASY TO INSTALL

The NEMA Box is perfect for those who travel from site to site regularly and need security that is quick to set up and does not require power or internet



WATERPROOF



DUSTPROOF



SNOWPROOF



SOLAR READY



WIRELESS READY



CUSTOM BUILT

**MADE IN
US** 

The Future of Cannabis

For over a decade, IC Realtime has been a reliable solution for security installers, growers, processors, and dispensary operations in the cannabis & hemp industry.



GREENLINE



IC Realtime is here to help your cannabis jobs from Seed-To-Sale.



Cultivators



Manufacturing



Dispensaries



Transportation



Regulatory
Compliance



Uninterrupted
Monitoring



Harvest
Protection



Detailed
Imaging



No Blind
Spots



Dark Before Harvest

Blackout Cameras

To maximize yield consistency, Blackout Cameras control their IR LEDs during the critical flowering stage.



COMMON CANNABIS VIDEO SURVEILLANCE REQUIREMENTS

- | | |
|------------------------|----------------------------|
| ✓ Continuous Recording | ✓ Licensing Requirements |
| ✓ Monitoring Feed | ✓ Full Visibility |
| ✓ Access Control | ✓ Quality of Video Footage |
| ✓ Image Snapshot | ✓ Recorder Storage |

- EXPLOSION PROOF
OPTIONS AVAILABLE
- DESIGNED TO KEEP
CROPS SAFE
- NO PLANT-DAMAGING
IR ILLUMINATION
- VISIBILITY IN 0.003
LUX AT F1.8
- COMPLETE CROP &
FACILITY PROTECTION



- We believe in privacy.
- We do not harvest or sell personal data.
- We have a simple End-User Agreement.
- There is 128-bit AES video encryption.
- There is 256-bit account info protection.
- Our gear can operate as a closed-circuit.

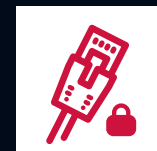


Our Security. Your Privacy.

Our systems are protected from cyber threats by multiple layers of authorizations & password protections.



Our gear uses the best encryption and tightest cyber security.



Network traffic is encrypted in both directions between the camera and recorder.

Built for Reliability, Backed by Exceptional Warranties



We can afford the industry's best warranties because we build the most reliable gear in the business.



IC Realtime
10YR Limited
Warranty



Edge 7YR
Limited
Warranty



IC Home
7YR Limited
Warranty





ICREALTIME.COM



Call Us: 866.997.9009

Sales: sales@icrealtime.com

Tech Support: support@icrealtime.com

IC Realtime: Global leader in surveillance technology since 2006. Innovating and supporting secure solutions worldwide.