

November
2023

ii-PRO

PRODUCT
LINEUP

COMPANY INFORMATION

Company Name i-PRO Co., Ltd.

Established 2019

Representatives Masato Nakao
Shohei Ozaki

Lines of Business Development, manufacture and sales of devices and modules for the security, medicine and industrial fields. Providing solutions including system integration, construction, maintenance and related services.

Number of Employees Approx. 1400 (including group companies)

Location Addresses ■ 2-15-1 Konan, Minato-ku, Tokyo, Japan
■ 7-9-66 Hakozaki, Higashi-ku, Fukuoka City, Fukuoka, Japan

Group Companies

Americas: i-PRO Americas Inc.

Houston : 8550 Fallbrook Road, Suite 200, Houston, TX 77064, USA
Chicago : 1701 Golf Road, Suite 3-600, Rolling Meadows, IL 60008, USA
Anaheim : 2390 E. Orangewood Ave., Suite 490, Anaheim, CA 92806, USA
Canada : 5750 Explorer Drive, Suite 101, Mississauga, Ontario, Canada

EMEA : i-PRO EMEA B.V.

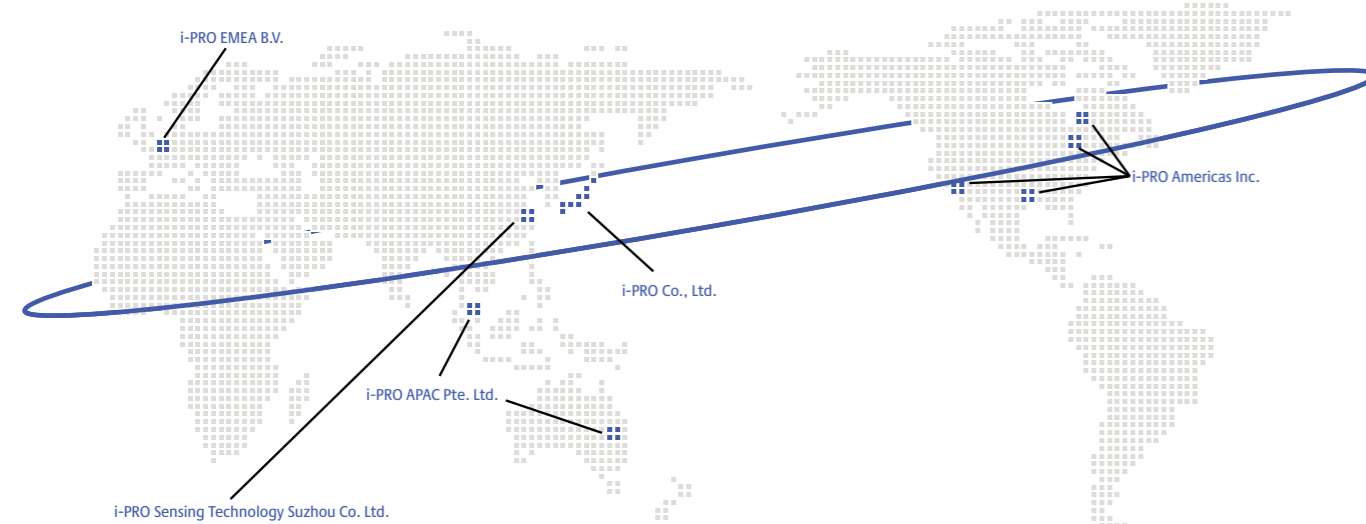
Amsterdam: Laarderhoogtweg 25, 1101 EB Amsterdam, Netherlands

Asia Pacific: i-PRO APAC Pte. Ltd.

Singapore : 114 Lavender #01-36,51,52, CT Hub 2, Singapore 338729
Brisbane : 10/10 Depot Street, Banyo QLD, Australia 4014

China: i-PRO Sensing Technology (Suzhou) Co., Ltd.

1478 Binhe Road, Huqiu district, Suzhou, Jiangsu province



i-PRO
The Power of Truth

We strive to capture moments of underlying truth to better support the decisions of those professionals who protect and save lives, providing a safer and more peaceful world.

We have taken on this challenge to develop technological solutions that extend human senses with innovations that inform and protect, even in the most challenging environments.

We envision a future where it's possible to prevent unfortunate events. A future striking unmet medical conditions to improve the lives of millions of people.

We will be a trusted partner, focusing on the needs of our partners and customers to help create a safer and more peaceful world.

i-PRO Co., Ltd.

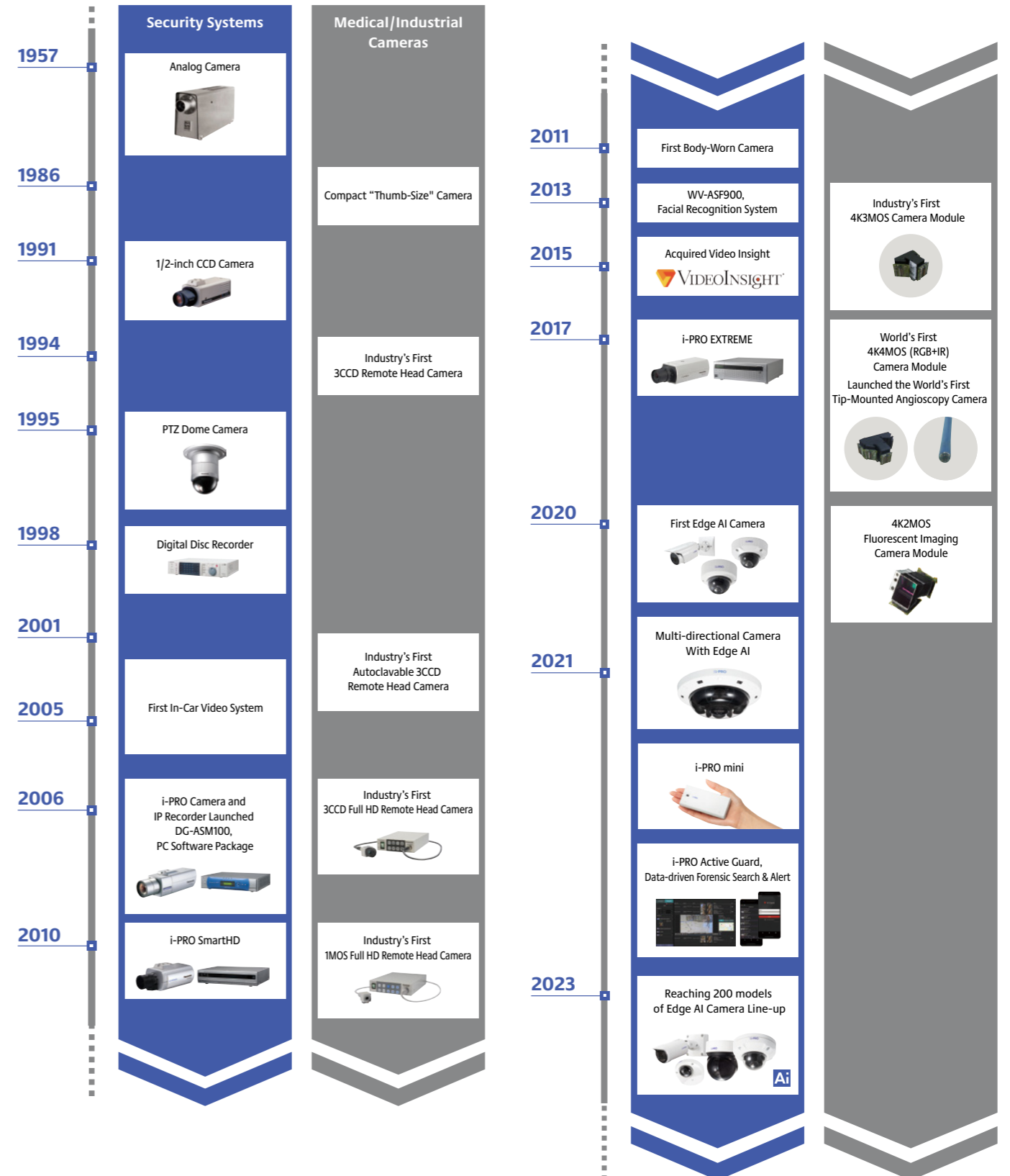
i-pro.com



PRODUCT & TECHNOLOGY MILESTONES

i-PRO Co., Ltd., is a global leader of advanced sensing technologies in the fields of Intelligent Surveillance, Public Safety and Industrial/Medical Imaging. Established in 2019, i-PRO was built on a legacy of over 60 years of innovation with Panasonic.

The company's products, software and services extend human senses to capture moments of truth with innovations that inform and protect. In order to help create a safer world, i-PRO supports the work of professionals who protect and save lives.



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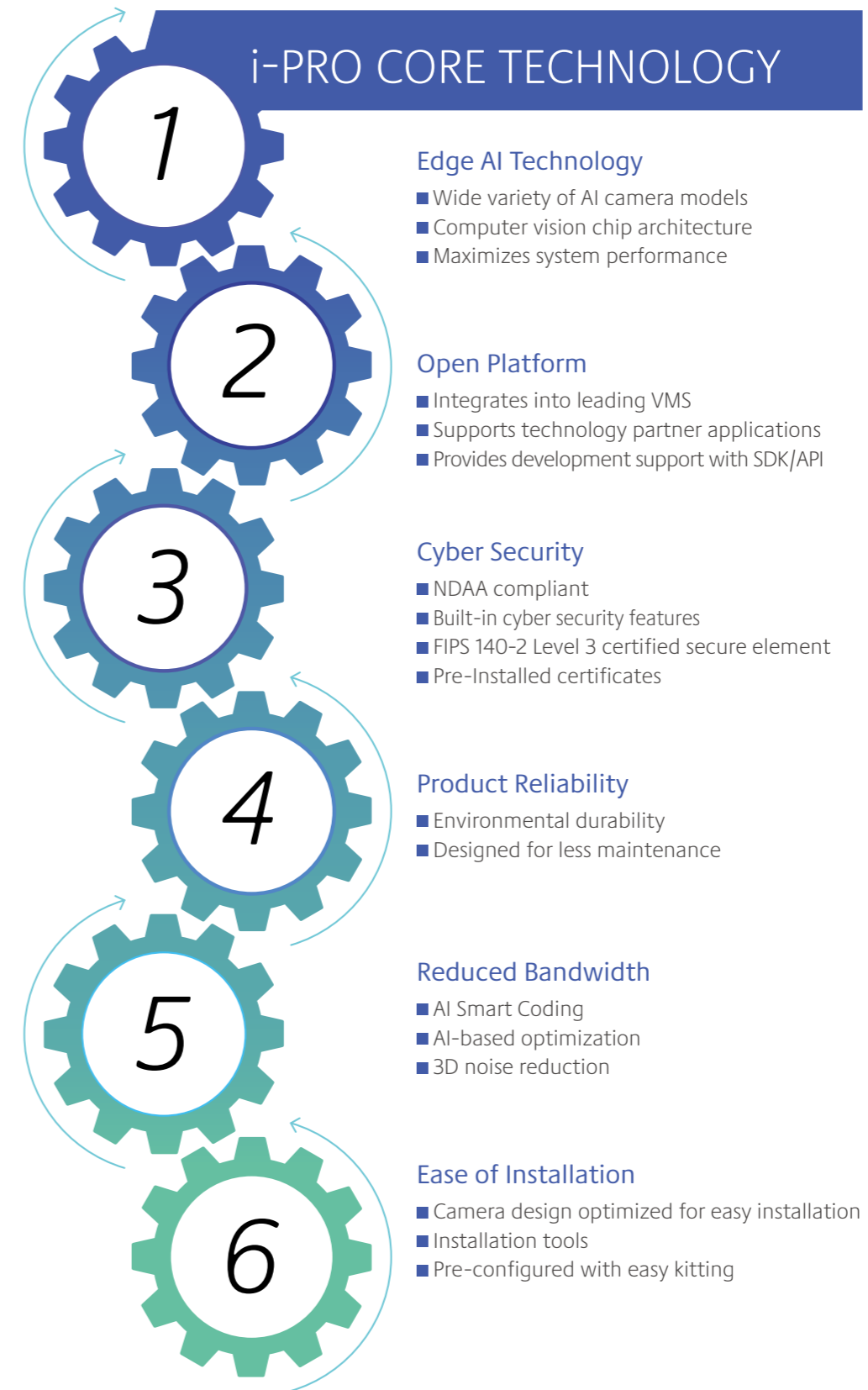
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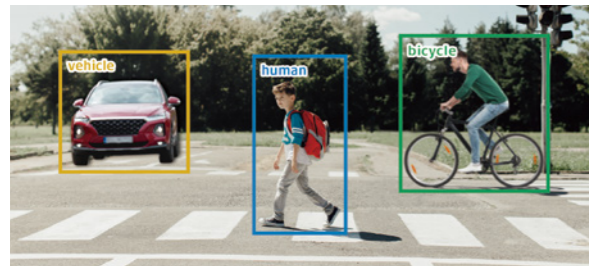


Scan for more information
<https://i-pro.com/global/en/surveillance/technologies/ipro-core-technology>

Edge AI Technology

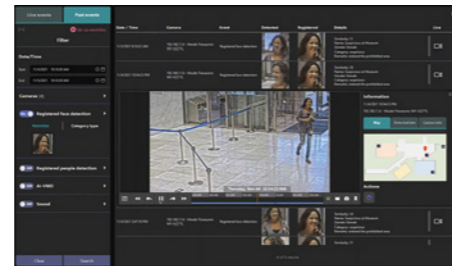
i-PRO Edge AI Cameras

With powerful Edge AI processor at the edge, i-PRO network cameras can process advanced analytics locally and only send the lightweight results as metadata to the backend server.



i-PRO Active Guard

i-PRO Active Guard is a time-saving search software which will help you to find out a specific objects quickly based on the metadata information from i-PRO Edge AI cameras.



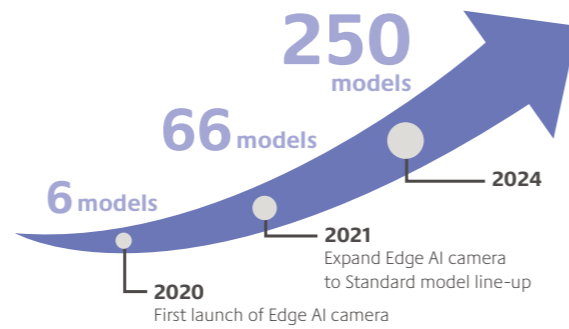
Computer vision chip architecture

Collaborating with AI SoC company Ambarella, i-PRO network cameras have on-boarding advanced analytics technologies inside.



Wide variety of Edge AI Cameras

i-PRO keeps expanding the product line-up of edge AI capable cameras since 2020 and it is growing to 250 models in 2024.



Open Platform

Integration with leading VMS

i-PRO network cameras are well integrated with leading VMS software, and i-PRO Active Guard integrated with in-house VMS Video Insight as well as Genetec Security Center and Milestone XProtect.



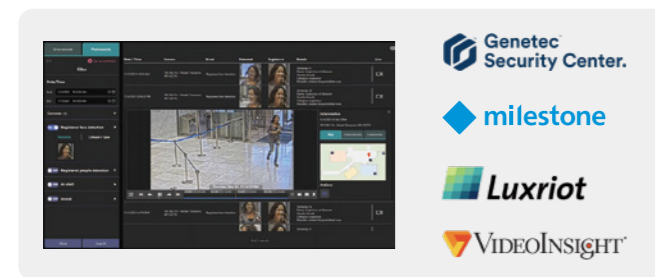
Integration with AI application partners

We will provide various AI applications developed in-house and developed by our global AI application partners.



Provides development support with free SDK/API

Free SDK/API and technical support is available for application partners.



Cyber Security

Built-in cyber security features

i-PRO cameras are designed and built with trust, safety, and security in mind. We take cyber security just as seriously as the lives and assets our products are made to protect. Our cameras include robust security features to meet the needs of customers who comply with security frameworks.



Pre-installed signed Certificates (GlobalSign®)

i-PRO was the first company in the security industry to provide a pre-installed signed certification by 3rd party certificate authority. Data is encrypted by SSL with pre-installed certified key and it will not allow any snooping and alteration.

FIPS 140-2 level 3 certified Secure Element

FIPS (Federal Information Processing Standards) are standards and guidelines for federal computer systems that are developed by NIST. Our latest models of i-PRO network cameras have equipped a Secure Element which is certified the FIPS 140-2 level 3 compliant.

NDAA compliant

i-PRO is proud to confirm that our products are compliant under the National Defense Authorization Act (NDAA). i-PRO doesn't use any manufactures, system on chips or any other components that have been banned under section 889 of the NDAA.



Product Reliability

IK10 Vandal resistant

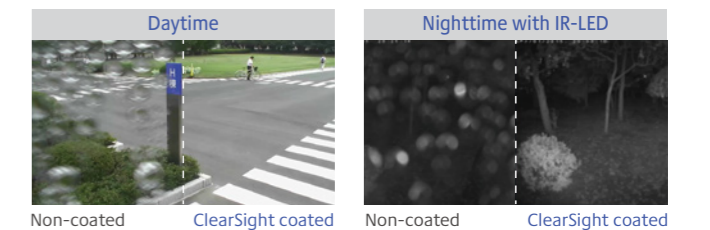
Vandal resistant is one of the most important features of security cameras. IK10 rating indicates that the camera has a superior level of resistance against impact.

All i-PRO outdoor cameras comply the IK10 rating or more, which provides protection from physical damage.



ClearSight Coating

Our ClearSight coating enables to repel water drops on the dome cover in raining. This will provide you clear image in daytime and nighttime.



Anti-Condensation System

A built-in dehumidifier system avoids a condensation on the dome cover.



High durability mechanism for PTZ cameras

Pan/Tilt gear drive mechanism allows our i-PRO PTZ cameras to have longer life and more preciseness than a general belt-drive mechanism.



Salt damage resistant

Salt resistant models with special coating on the camera body and screws will work without a corrosion even in salt-air condition.



Built-in heater (Selected models)

Help to defrost snow or icicles on the camera even in extremely cold regions.



*Available only with special model

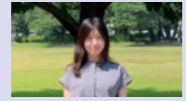
Reduced Bandwidth

AI Smart Coding

i-PRO Edge AI Cameras will detect people and vehicles and optimize the encoding parameters to reduce the bandwidth.



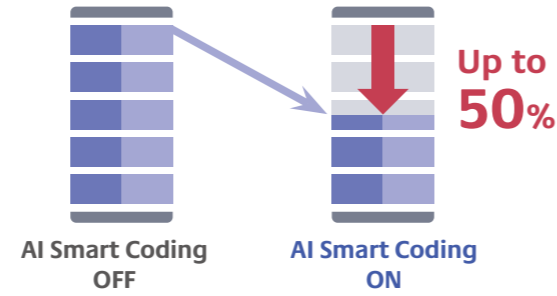
Bitrates of tree area are suppressed even it's swaying.



Bitrates of face and human area are maintained higher for high image quality.

Reduced Bandwidth

i-PRO Cameras' AI Smart coding supports up to 50% reduced bandwidth improvement.



i-PRO NETWORK PRODUCTS

i-PRO cameras are designed for multiple applications and provide a wide range of capabilities, including Enhanced Super Dynamic, High-accuracy Motion Detection, Analytic features, Face Detection, Wide-area Monitoring, and more.



Multi Sensor Cameras

i-PRO multi-sensor cameras capture the highest quality images even in very challenging dynamic environments. These cameras can excel at capturing clear images, even in low light conditions from multiple angles through the use of their four repositionable lenses.



Bullet/Box Cameras

i-PRO fixed box bullet/box cameras provide a clearly visible, fixed angle of view, making it easy to see exactly where they're pointing and record a precisely defined area.



PTZ Cameras

i-PRO PTZ cameras combine unparalleled image quality with incredible durability and reliability. The perfect security camera for wide-area coverage requiring pan, tilt and zoom capability.



360 Degree Cameras

i-PRO vandal resistant 360° dome cameras are ideal for surveillance applications where wide area coverage is required. This type of camera allows for multiple viewing angles and can be used to improve area management as well as detect activities in a large area.



Dome Cameras

i-PRO fixed dome cameras have the power to be more discreet than standard fixed network cameras. i-PRO fixed dome cameras work well in busy open areas since they can conceal which direction they are pointing while still providing excellent and reliable video.



Compact dome

Compact dome cameras with anti-vibration and discreet design are suitable for installation in cars, buses, and other vehicles.



i-PRO mini

i-PRO mini provides powerful open AI technology in a compact format. It blends seamlessly into any surroundings and provides insights to solve a variety of problems. Extendable to marketing functions with third party AI apps.

Ease of Installation

Cameras designed for easier installation

i-PRO multi-sensor cameras are industry thinnest design and blends in seamlessly with environment. The hooking structure and light weight bring you an ease of installation.



Supports USB Wifi adapter (Selected models)

With Wifi USB dongle i-PRO cameras can be accessed via smartphone without connecting the camera to PC or analog monitor. The angle of view and the focus can be adjusted easily.

*Wifi USB dongle needs to be locally procured.



*WV-S71xxx, WV-S85xx

Easy kitting package

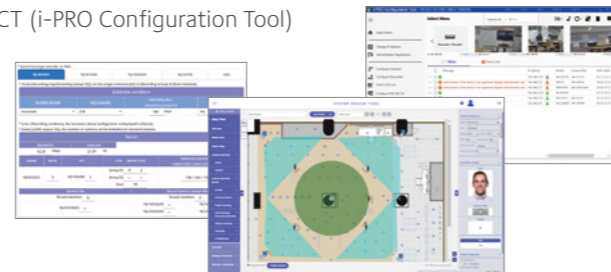
i-PRO easy kitting package is helpful for pre-configuration works. Cameras can be configured quickly without opening the box.



Installation Tools

i-PRO provides useful installation tools to support system design and configuration works easier and more efficient.

- Product Selector
- SDT (System Design Tool)
- ICT (i-PRO Configuration Tool)



Detail : https://i-pro.com/products_and_solutions/en/surveillance/products/network-camera



i-PRO Camera Series Lineup

Series definition

X series extraordinary
 S series Standard
 U series Utility

Launch in FY22/FY23
 Launch before 2022

With IR-LED
 With ClearSight Coating
 Salt damage resistant model

	Multi-Sensor	PTZ
X series	4 Multi-Directional+PTZ Ai Camera Outdoor ZMP 21xPTZ 4x5MP X86531-Z2 X86531-Z2-1 ZMP 21xPTZ 3x5MP X86530-Z2 X86530-Z2-1	8 AI Rapid-PTZ Camera Ai Outdoor 30x 4K X66700-Z3S X66700-Z3LS 30x 6MP X66600-Z3S X66600-Z3LS 40x 2MP X66300-Z4S X66300-Z4LS 32x 2MP X66300-Z3S X66300-Z3LS 1 VCC (Vehicle Capture Camera) X5550LT 3 Aero PTZ Outdoor 30x 2MP SUD638 SUD638-H SUD638-T 4 Long Range IR PTZ Outdoor 40x 2MP X6533LNS X6533LN 22x 2MP S6532LNS S6532LN
S series	20 AI Multi-Directional Camera Outdoor Fix 2x4K S85702-F3L S85702-F3L1 (3.1mm) Vari 2x4MP S85402-V2L S85402-V2L1 Fix 4x4K S8574L S8574LG (3.1mm) Fix 3x4K S8573L S8573LG (3.1mm) Fix 4x6MP S8564L S8564LG (3.1mm) Fix 3x6MP S8563L S8563LG (3.1mm) Vari 4x4MP S8544L S8544LG S8544 S8544G Vari 3x4MP S8543L S8543LG S8543 S8543G	8 AI Rapid-PTZ Camera Ai Outdoor 30x 4K S66700-Z3 S66700-Z3L 30x 6MP S66600-Z3 S66600-Z3L 40x 2MP S66300-Z4 S66300-Z4L 32x 2MP S66300-Z3 S66300-Z3L 27 AI PTZ Camera Ai Outdoor 40x 2MP S65340-Z4 S65340-Z4N S65340-Z4G S65340-Z4N1 S65340-Z4K 21x 2MP S65340-Z2 S65340-Z2N S65340-Z2G S65340-Z2N1 S65340-Z2K 21x 2MP S65302-Z2 S65302-Z2G S65302-Z2-1 10x 5MP S65501-Z1 S65501-Z1G 10x 2MP S65301-Z1 S65301-Z1G S65301-Z1-1 S65301-Z1S 3.1x 2MP S65300-ZY S65300-ZYG Indoor 40x 2MP S61302-Z4 10x 5MP S61501-Z1 21x 2MP S61301-Z2 10x 2MP S61301-Z1 3.1x 2MP S61300-ZY S61300-ZYG
U series	2 Multi-Directional Camera Outdoor Vari 2x4MP U85402-V2L U85402-V2L1	10 PTZ Camera Outdoor 21x 2MP U65302-Z2 U65302-Z2G 10x 2MP U65301-Z1 U65301-Z1G 3.1x 2MP U65300-ZY U65300-ZYG Indoor 21x 2MP U61301-Z2 10x 2MP U61301-Z1 3.1x 2MP U61300-ZY U61300-ZYG
TTL	26 models	61

i-PRO Camera Series Lineup

Series definition

X series extraordinary
 S series Standard
 U series Utility

Launch in FY22/FY23
 Launch before 2022

With IR-LED
 With ClearSight Coating
 Salt damage resistant model

	Dome	Bullet / Box
X series	8 X-series AI Camera Ai Outdoor Vari 4K X25700-V2LN X25700-V2LN 6MP X25600-V2LN X25600-V2LN 5MP X25500-V3LN X25500-V3LN Vari 2MP X25300-V3LN Indoor Vandal Vari 4K X22700-V2L X22700-V2L 6MP X22600-V2L X22600-V2L 5MP X22500-V3L X22500-V3L Vari 2MP X22300-V3L X22300-V3L	8 Ai Outdoor Vari 4K X15700-V2L X15700-V2LN X15700-V2L 6MP X15600-V2L X15600-V2LN Vari 5MP X15500-V3L X15500-V3LN Vari 2MP X15300-V3L X15300-V3LN
S series	41 High Resolution AI Camera Ai Outdoor Vari 4K S25700-V2L S25700-V2LN S25700-V2LG S25700-V2LN1 Vari 6MP S25600-V2L S25600-V2LN S25600-V2LG Vari 5MP S25500-V3L S25500-V3LN S25500-V3LG S25500-V3LN1 Fix 5MP S25500-F3L S25500-F6L (6.1mm) Indoor Vandal Vari 4K S22700-V2L S22700-V2LG S22700-V2L1 Vari 6MP S22600-V2L S22600-V2LG Vari 5MP S22500-V3L S22500-V3LG S22500-V3L1 Fix 5MP S22500-F3L S22500-F6L (6.1mm)	19 Ai Outdoor Vari 4K S15700-V2L S15700-V2LN S15700-V2LK Vari 6MP S15600-V2L S15600-V2LN Vari 5MP S15500-V3LN S15500-V3LK Vari 5MP S15500-V3LN1 S15500-V3L Fix 5MP S15500-F3L (3.2mm) S15500-F6L (6.1mm)
U series	2MP Fixed AI Camera Ai Outdoor Vari 2MP S2536LA S2536LGA S2536LNA S2536LNA S2536LTNA S2536LTA Indoor Vandal Vari 2MP S2236LA S2236LA-B S2236LGA S2236LGA-B Indoor Vari 2MP S2136A S2136A-B S2136LA S2136LA-B S2136GA S2136GA-B Vari 2MP S2136LGA S2136LGA-B S2136A	5 Ai Outdoor Vari 2MP S1536LNSA S1536LA S1536LA-B S1536LNA S1536LNA-B Vari 2MP S1536LTA S1536LTNA Indoor S1136A
TTL	58	33

i-PRO Camera Series Lineup

Series definition

X series eXtraordinary **S** series Standard **U** series Utility

Launch in FY22/FY23 Launch before 2022
 With IR-LED With ClearSight Coating

	Fisheye	Compact	mini	TTL
X series	2 Fisheye Camera Ai Fix S4576LMA (1.4mm) 12MP Fix S4556LMA (0.84mm) 5MP	1 Onboard Camera Outdoor Fix SBV131M (1.95mm) 2MP	4 Ai Compact Dome Camera Outdoor Fix X35402-F2LM (2.4mm) 4MP X35402-F2L (2.4mm) Fix X35302-F2LM (2.4mm) 2MP X35302-F2L (2.4mm)	43 models
S series	4 Ai Fisheye Camera Ai Outdoor Fix S4576LA (1.4mm) 12MP Fix S4556LA (0.84mm) 5MP Indoor Fix S4176A (1.4mm) 12MP Fix S4156A (0.84mm) 5MP	12 Compact Dome Camera Ai Outdoor Fix S35402-F2L (2.4mm) 4MP S35402-F2LG (2.4mm) S35402-F2L1 (2.4mm) Fix S35302-F2L (2.4mm) 2MP S35302-F2LG (2.4mm) S35302-F2L1 (2.4mm) Indoor Fix S32402-F2L (2.4mm) 4MP S32402-F2LG (2.4mm) S32402-F2L1 (2.4mm) Fix S32302-F2L (2.4mm) 2MP S32302-F2LG (2.4mm) S32302-F2L1 (2.4mm)	1 i-PRO mini Ai Fix S71300-F3A (3.2mm) 2MP	132
U series		8 Compact Dome Camera Outdoor Fix U35401-F2L (2.4mm) 4MP U35401-F2LG (2.4mm) U35301-F2L (2.4mm) U35301-F2LG (2.4mm) Indoor Fix U31401-F2L (2.4mm) 4MP U31401-F2LG (2.4mm) U31301-F2L (2.4mm) U31301-F2LG (2.4mm)		35
TTL	6	25	1	210

Network Camera Model Number Format

Network Camera Model Number Format - 1

W	V	-	S	2	5	3	1	L	T	N
Series	Form	Environment	Resolution	Serial	Other Features & Minor changes					
X : eXtraordinary	9 : -	9 : -	9 : -	0 - 9	A-D : Minor Change					
S : Standard	8 : Multi-Sensor	8 : -	8 : -		L : LED					
U : Utility	7 : -	7 : -	7 : 4K		N : ClearSight					
	6 : PTZ (Dome)	6 : -	6 :		M : M12					
	5 : -	5 : Outdoor Vandal	5 : 5MP		T : Long focal lens					
	4 : 360 deg.	4 : -	4 : 4MP		S : Salt resistant					
	3 : Compact Dome	3 : -	3 : 2MP							
	2 : Dome	2 : Indoor Vandal	2 :							
	1 : Box	1 : Indoor Normal	1 : 1MP							
	0 : -	0 : -	0 : -							

Network Camera Model Number Format - 2

W	V	-	S	2	5	7	0	0	-	V	2	L	N
Series	Form	Environment	Resolution	Serial	Version	Lens1	Lens2	Feature	Color				
X : eXtraordinary	8 : Multi-Sensor	6 : Outdoor Vandal	7 : 4K	00 - 99	None	F : Fixed lens	None : No lens	L : IR-LED	None : White				
S : Standard	7 : Mini	5 : Outdoor Vandal	6 : 6MP	A, B, C		V : Vari-focal	Y, 1 to 9 :	M : M12 connector	1, -1 : Black				
U : Utility	6 : PTZ	4 : Outdoor Normal	5 : 5MP			T : Long focal	See below	G : Smoke dome	2, -2 : Silver				
	4 : 360-deg	2 : Indoor Vandal	4 : 4MP			Z : Zoom lens		N : ClearSight	3, -3 : Gray				
	3 : Compact Dome	1 : Indoor Normal	3 : 2MP			U : No Lens		S : Salt resistant	4, -4 : Brown				
	2 : Dome		1 : 1MP					K : ClearSight & Salt resistant					
	1 : Box												

		Lens2				
		Y	1	2	3	4
Lens1	F	-	1 - 1.9 mm	2 - 2.9 mm	3 - 3.9 mm	4 - 4.9 mm
	V, T	-	1x - 1.9x	2x - 2.9x	3x - 3.9x	4x - 4.9x
	Z	< 10x	10x - 19.9x	20x - 29.9x	30x - 39.9x	40x - 49.9x

MEMO

MULTI-SENSOR CAMERAS



MODEL#	WV-X86531-Z2 (Z2-1) WV-X86530-Z2 (Z2-1)	WV-S85702-F3L (F3L1)	WV-S85402-V2L (V2L1)	WV-U85402-V2L (V2L1)
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	PTZ: 2MP Multi: 5MP x4 WV-S86531 5MP x3 WV-S86530	8MP(4K) x2	4MP x2	4MP x2
Analytics	Edge AI / Auto tracking	Edge AI	Edge AI	VMD
Sensor	PTZ: 1/2.8 CMOS Multi: 1/2.7 CMOS	1/2.8 CMOS	1/2.7 CMOS	1/2.7 CMOS
Focal length / F-number	PTZ: 4.0 to 84.6 mm, F1.6 Multi: 3.2 mm, F2.0	3.1 mm, F1.4	2.9 to 7.3 mm, F2.0	2.9 to 7.3 mm, F2.0
Optical Zoom	PTZ: 21x, Motorized Multi: -	—	2.5x, Motorized	2.5x, Motorized
Horizontal angle of view (16:9)	PTZ: 3.7° to 77° / Endless pan Multi: 97° / lens	104° / lens	43° to 100° / lens	43° to 100° / lens
Built-in IR-LED	—	131 ft. / 40 m	131 ft. / 40 m	131 ft. / 40 m
Min. Illumination (Color / B&W)	PTZ: 0.011 lx / 0.006 lx Multi: 0.12 lx / 0.10 lx	0.084 lx / 0 lx	0.21 lx / 0 lx	0.21 lx / 0 lx
WDR [Dynamic Range]	PTZ: Yes [144dB] Multi: Yes [108dB]	Yes [120dB]	Yes [108dB]	Yes [108dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	PTZ: 60 fps Multi: 15 fps	15 fps	30 fps	30 fps
Audio (In / Out / Built-in MIC)	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —
External I/O	Yes [*2]	Yes [*2]	Yes [*2]	Yes [*2]
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP67, IP66 / IK10	IP67, IP66 / IK10	IP67, IP66 / IK10	IP67, IP66 / IK10
Operating Temperature	-40 °C to +55 °C (60W PoE/24V AC)	-40 °C to +55 °C	-40 °C to +55 °C	-40 °C to +55 °C
Power Source / Consumption	PoE+ 35.6W	PoE+ 18.9W	PoE+ 22.2W	PoE+ 18.9W
Other	FIPS 140-2 LV3 [*1], NEMA TS2, Black (Z2-1)	FIPS 140-2 LV3 [*1], Black (F3L1)	FIPS 140-2 LV3 [*1], Black (V2L1)	FIPS 140-2 LV3 [*1], Black (V2L1)

MULTI-SENSOR CAMERAS



MODEL#	WV-S8574L (LG) WV-S8573L (LG)	WV-S8564L (LG) WV-S8563L (LG)	WV-S8544L (LG) WV-S8543L (LG)	WV-S8544 (G) WV-S8543 (G)
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	8MP(4K) x4 WV-S8574L (LG) 8MP(4K) x3 WV-S8573L (LG)	6MP x4 WV-S8564L (LG) 6MP x3 WV-S8563L (LG)	4MP x4 WV-S8544L (LG) 4MP x3 WV-S8543L (LG)	4MP x4 WV-S8544 (G) 4MP x3 WV-S8543 (G)
Analytics	Edge AI	Edge AI	Edge AI	Edge AI
Sensor	1/2.8 CMOS	1/2.8 CMOS	1/2.7 CMOS	1/2.7 CMOS
Focal length / F-number	3.1 mm, F1.44	3.1 mm, F1.44	2.9 to 7.3mm, F2.0	2.9 to 7.3mm, F2.0
Optical Zoom	—	—	2.5x, Motorized	2.5x, Motorized
Horizontal angle of view (16:9)	108° / lens	108° / lens	43° to 100° / lens	43° to 100° / lens
Built-in IR-LED	131 ft. / 40 m	131 ft. / 40 m	66 ft. / 20 m	—
Min. Illumination (Color / B&W)	0.084 lx / 0 lx	0.084 lx / 0 lx	0.21 lx / 0 lx	0.21 lx / 0.12 lx
WDR [Dynamic Range]	Yes [120dB]	Yes [120dB]	Yes [108dB]	Yes [108dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	15 fps	15 fps	30 fps	30 fps
Audio (In / Out / Built-in MIC)	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —
External I/O	Yes [*2]	Yes [*2]	Yes [*2]	Yes [*2]
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP67, IP66 / IK10	IP67, IP66 / IK10	IP67, IP66 / IK10	IP67, IP66 / IK10
Operating Temperature	-40 °C to +60 °C	-40 °C to +60 °C	-40 °C to +60 °C	-40 °C to +60 °C
Power Source / Consumption	PoE+ 25.4W	PoE+ 25.4W	PoE+ 25.4W	PoE+ 17.3W
Other	FIPS 140-2 LV3 [*1], NEMA TS2, Smoke dome (LG), Re-paintable	FIPS 140-2 LV3 [*1], NEMA TS2, Smoke dome (LG), Re-paintable	FIPS 140-2 LV3 [*1], NEMA TS2, Smoke dome (LG), Re-paintable	FIPS 140-2 LV3 [*1], NEMA TS2, Smoke dome (G), Re-paintable

[*1] FIPS 140-2 level 3-certified secure element is embedded. [*2] Option cable WV-QCA501A is needed.

RAPID PTZ CAMERAS



MODEL#	WV-X66700-Z3S (Z3LS) WV-S66700-Z3 (Z3L)	WV-X66600-Z3S (Z3LS) WV-S66600-Z3 (Z3L)	WV-X66300-Z4S (Z4LS) WV-S66300-Z4 (Z4L)	WV-X66300-Z3S (Z3LS) WV-S66300-Z3 (Z3L)
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	4K	6MP	2MP	2MP
Analytics	Edge AI / Auto tracking	Edge AI / Auto tracking	Edge AI / Auto tracking	Edge AI / Auto tracking
Sensor	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS
Focal length / F-number	4.5 to 135 mm, F1.8	4.5 to 135 mm, F1.8	4.25 to 170 mm, F1.6	4.25 to 136 mm, F1.6
Optical Zoom	30x, Motorized	30x, Motorized	40x, Motorized	32x, Motorized
Horizontal angle of view (16:9)	2.5° to 62° / Endless pan	2.5° to 62° / Endless pan	2.0° to 65° / Endless pan	2.4° to 65° / Endless pan
Built-in IR-LED	920 ft. / 280 m (Z3LS, Z3L)	920 ft. / 280 m (Z3LS, Z3L)	1150 ft. / 350 m (Z4LS, Z4L)	1150 ft. / 350 m (Z3LS, Z3L)
Min. Illumination (Color / B&W)	0.13 lx / 0 lx (Z3LS, Z3L) 0.13 lx / 0.1 lx (Z3S, Z3)	0.13 lx / 0 lx (Z3LS, Z3L) 0.13 lx / 0.1 lx (Z3S, Z3)	0.011 lx / 0 lx (Z4LS, Z4L) 0.011 lx / 0.006 lx (Z4S, Z4)	0.011 lx / 0 lx (Z3LS, Z3L) 0.011 lx / 0.006 lx (Z3S, Z3)
WDR [Dynamic Range]	Yes [132dB]	Yes [132dB]	Yes [144dB]	Yes [144dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	30 fps	30 fps	60 fps	60 fps
Audio (In / Out / Built-in MIC)	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —
External I/O	Yes [*2]	Yes [*2]	Yes [*2]	Yes [*2]
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66 / IK10
Operating Temperature	-50 °C to +60 °C	-50 °C to +60 °C	-50 °C to +60 °C	-50 °C to +60 °C
Power Source / Consumption	PoE++ 45.9 W (Z3LS, Z3L) 37.8 W (Z3S, Z3)	PoE++ 45.9 W (Z3LS, Z3L) 37.8 W (Z3S, Z3)	PoE++ 45.9 W (Z4LS, Z4L) 37.8 W (Z4S, Z4)	PoE++ 45.9 W (Z3LS, Z3L) 37.8 W (Z3S, Z3)
Other	FIPS 140-2 LV3 [*1], NEMA TS2, Salt resistant (X-series)	FIPS 140-2 LV3 [*1], NEMA TS2, Salt resistant (X-series)	FIPS 140-2 LV3 [*1], NEMA TS2, Salt resistant (X-series)	FIPS 140-2 LV3 [*1], NEMA TS2, Salt resistant (X-series)

OUTDOOR PTZ CAMERAS



MODEL#	WV-X6533LN (LNS)	WV-S6532LN (LNS)	WV-S65340-Z4 (Z4N)(Z4G) (Z4N1) (Z4K)	WV-S65340-Z2 (Z2N)(Z2G) (Z2N1) (Z2K)	WV-SUD638 (-H) (-T)
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	2MP	2MP	2MP	2MP	2MP
Analytics	i-VMD / Auto tracking	i-VMD / Auto tracking	Edge AI / Auto tracking	Edge AI / Auto tracking	VMD / Auto Tracking
Sensor	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/3 CMOS
Focal length / F-number	4.25 to 170 mm, F1.6	4.25 to 95 mm, F1.6	4.25 to 170 mm, F1.6	4.0 to 84.6 mm, F1.6	4.3 to 129 mm, F1.6
Optical Zoom	40x, Motorized	22x, Motorized	40x, Motorized	21x, Motorized	30x, Motorized
Horizontal angle of view (16:9)	1.9° to 66° / Endless pan	3.4° to 66° / Endless pan	2.1° to 65° / Endless pan	3.7° to 77° / 0-350 Pan	2.3° to 64° / Endless pan
Built-in IR-LED	1,150 ft. / 350 m (60W PoE/24V AC)	330 ft. / 100 m	—	—	Optional, 500 ft. / 150 m
Min. Illumination (Color / B&W)	0.015 lx / 0 lx	0.015 lx / 0 lx	0.015 lx / 0.006 lx	0.015 lx / 0.006 lx	0.06 lx / 0 lx
WDR [Dynamic Range]	Yes [144dB]	Yes [144dB]	Yes [144dB]	Yes [144dB]	Yes [105dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.264 Smart Coding
Max. fps @Max. Resolution	60 fps	60 fps	60 fps	60 fps	60 fps
Audio (In / Out / Built-in MIC)	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —
External I/O	Yes	Yes	Yes	Yes	Yes
SD Memory Card Slot	SDXC	SDXC	microSDXC	microSDXC	—
Weather / Vandal Resistant	IP66 / IK10	IP66 / IK10	IP67, IP66 / IK10	IP67, IP66 / IK10	IP67, IP66 / IK10
Operating Temperature	-50 °C to +60 °C (60W PoE/24V AC)	-40 °C to +60 °C (60W PoE/24V AC)	-50 °C to +60 °C (PoE+/24V AC)	-50 °C to +60 °C (PoE+/24V AC)	-50 °C to +60 °C
Power Source / Consumption	60W PoE / PoE+ / 24V AC 50W (60W PoE)	60W PoE / PoE+ / 24V AC 50W (60W PoE)	PoE++ / PoE+ / 24V AC 51W (PoE++)	PoE++ / PoE+ / 24V AC 51W (PoE++)	60W PoE / 100 to 240V AC 51W (60W PoE)
Other	ClearSight, Defroster, Salt resistant (LNS)	ClearSight, Defroster, Salt resistant (LNS)	FIPS 140-2 LV3 [*1], NEMA TS2, ClearSight (Z4N, Z4N1, Z4K), Smoke dome (Z4G), Black (Z4N1), Salt resistant (Z4K), Re-paintable	FIPS 140-2 LV3 [*1], NEMA TS2, ClearSight (Z2N, Z2N1, Z2K), Smoke dome (Z2G), Black (Z2N1), Salt resistant (Z4K), Re-paintable	Built-in wiper, Defroster, Salt resistant ISO14993, Wind load durability 135 mph

[*1] FIPS 140-2 level 3-certified secure element is embedded. [*2] Option cable WV-QCA501A is needed.

OUTDOOR PTZ CAMERAS



MODEL#	WV-S65302-Z2 (Z2G) (Z2-1)	WV-U65302-Z2 (Z2G)	WV-S65501-Z1 (Z1G)	WV-S65301-Z1 (Z1G) (Z1-1) (Z1S)	WV-U65301-Z1 (Z1G)
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	2MP	2MP	5MP	2MP	2MP
Analytics	Edge AI / Auto tracking	VMD	Edge AI / Auto tracking	Edge AI / Auto tracking	VMD
Sensor	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS
Focal length / F-number	4.0 to 84.6 mm, F1.6	4.0 to 84.6 mm, F1.6	4.7 to 47.0 mm, F1.6	4.7 to 47.0 mm, F1.6	4.7 to 47.0 mm, F1.6
Optical Zoom	21x, Motorized	21x, Motorized	10x, Motorized	10x, Motorized	10x, Motorized
Horizontal angle of view (16:9)	3.7° to 77° / Endless pan	3.7° to 77° / Endless pan	6° to 57° / Endless pan	6.7° to 62° / Endless pan	6.7° to 62° / Endless pan
Built-in IR-LED	—	—	—	—	—
Min. Illumination (Color / B&W)	0.015 lx / 0.006 lx	0.015 lx / 0.006 lx	0.11 lx / 0.006 lx	0.015 lx / 0.006 lx	0.015 lx / 0.006 lx
WDR [Dynamic Range]	Yes [144dB]	Yes [144dB]	Yes [132dB]	Yes [144dB]	Yes [144dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	60 fps	60 fps	60 fps	60 fps	60 fps
Audio (In / Out / Built-in MIC)	Yes / Yes[*2] / —	Yes / Yes[*2] / —	Yes / Yes[*2] / —	Yes / Yes[*2] / —	Yes / Yes[*2] / —
External I/O	Yes[*2]	Yes[*2]	Yes[*2]	Yes[*2]	Yes[*2]
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66 / IK10
Operating Temperature	-30 °C to +55 °C	-30 °C to +55 °C	-30 °C to +55 °C	-30 °C to +55 °C	-30 °C to +55 °C
Power Source / Consumption	PoE+ / 12V DC[*2] 18.4W (PoE+)	PoE+ / 12V DC[*2] 18.4W (PoE+)	PoE+ / 12V DC[*2] 18.4W (PoE+)	PoE+ / 12V DC[*2] 18.4W (PoE+)	PoE+ / 12V DC[*2] 18.4W (PoE+)
Other	FIPS 140-2 LV3 [*1], NEMA TS2, Smoke dome (Z2G), Black (Z2-1), Re-paintable	FIPS 140-2 LV3 [*1], NEMA TS2, Smoke dome (Z2G), Re-paintable	FIPS 140-2 LV3 [*1], NEMA TS2, Smoke dome (Z1G), Re-paintable	FIPS 140-2 LV3 [*1], NEMA TS2, Smoke dome (Z1G), Black (Z1-1), Salt resistant (Z1S), Re-paintable	FIPS 140-2 LV3 [*1], NEMA TS2, Smoke dome (Z1G), Re-paintable

OUTDOOR PTZ CAMERAS



MODEL#	WV-S65300-ZY (ZYG)	WV-U65300-ZY (ZYG)
Environmental Type	Outdoor	Outdoor
Resolution	2MP	2MP
Analytics	Edge AI / Auto tracking	VMD
Sensor	1/2.8 CMOS	1/2.8 CMOS
Focal length / F-number	2.9 to 9 mm, F1.3	2.9 to 9 mm, F1.3
Optical Zoom	3.1x, Motorized	3.1x, Motorized
Horizontal angle of view (16:9)	36° to 113° / 0-350 pan	36° to 113° / 0-350 pan
Built-in IR-LED	—	—
Min. Illumination (Color / B&W)	0.01 lx / 0.004 lx	0.01 lx / 0.004 lx
WDR [Dynamic Range]	Yes [144dB]	Yes [144dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	60 fps	60 fps
Audio (In / Out / Built-in MIC)	Yes / Yes[*2] / —	Yes / Yes[*2] / —
External I/O	Yes[*2]	Yes[*2]
SD Memory Card Slot	microSDXC	microSDXC
Weather / Vandal Resistant	IP66 / IK10	IP66 / IK10
Operating Temperature	-30 °C to +55 °C	-30 °C to +55 °C
Power Source / Consumption	PoE / 12V DC[*2] 12W (PoE)	PoE / 12V DC[*2] 12W (PoE)
Other	FIPS 140-2 LV3 [*1], NEMA TS2, Smoke dome (ZYG), Re-paintable	FIPS 140-2 LV3 [*1], NEMA TS2, Smoke dome (ZYG), Re-paintable

[*1] FIPS 140-2 level 3-certified secure element is embedded. [*2] Option cable WV-QCA501A is needed.

INDOOR PTZ CAMERAS



MODEL#	WV-S61302-Z4	WV-S61301-Z2	WV-U61301-Z2	WV-S61501-Z1
Environmental Type	Indoor	Indoor	Indoor	Indoor
Resolution	2MP	2MP	2MP	5MP
Analytics	Edge AI / Auto tracking	Edge AI / Auto tracking	VMD	Edge AI / Auto tracking
Sensor	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS
Focal length / F-number	4.25 to 170 mm, F1.6	4.0 to 84.6 mm, F1.6	4.0 to 84.6 mm, F1.6	4.7 to 47.0 mm, F1.6
Optical Zoom	40x, Motorized	21x, Motorized	21x, Motorized	10x, Motorized
Horizontal angle of view (16:9)	1.9° to 66° / Endless pan	3.7° to 77° / 0-350 Pan	3.7° to 77° / 0-350 pan	6° to 57° / 0-350 pan
Built-in IR-LED	—	—	—	—
Min. Illumination (Color / B&W)	0.015 lx / 0.006 lx	0.015 lx / 0.006 lx	0.015 lx / 0.006 lx	0.11 lx / 0.06 lx
WDR [Dynamic Range]	Yes [144dB]	Yes [144dB]	Yes [144dB]	Yes [132dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	60 fps	60 fps	60 fps	30 fps
Audio (In / Out / Built-in MIC)	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —
External I/O	Yes	Yes	Yes	Yes
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	— / —	— / —	— / —	— / —
Operating Temperature	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C
Power Source / Consumption	PoE / 12V DC 12.95W (PoE)	PoE / 12V DC 12.95W (PoE)	PoE / 12V DC 12.95W (PoE)	PoE / 12V DC 12.95W (PoE)
Other	FIPS 140-2 LV3 [*1]	FIPS 140-2 LV3 [*1]	FIPS 140-2 LV3 [*1]	FIPS 140-2 LV3 [*1]

INDOOR PTZ CAMERAS



MODEL#	WV-S61301-Z1	WV-U61301-Z1	WV-S61300-ZY (ZYG)	WV-U61300-ZY (ZYG)
Environmental Type	Indoor	Indoor	Indoor	Indoor
Resolution	2MP	2MP	2MP	2MP
Analytics	Edge AI / Auto tracking	VMD	Edge AI / Auto tracking	VMD
Sensor	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS
Focal length / F-number	4.7 to 47.0 mm, F1.6	4.7 to 47.0 mm, F1.6	2.9 to 9 mm, F1.3	2.9 to 9 mm, F1.3
Optical Zoom	10x, Motorized	10x, Motorized	3.1x, Motorized	3.1x, Motorized
Horizontal angle of view (16:9)	6.7° to 62° / 0-350 pan	6.7° to 62° / 0-350 pan	36° to 115° / 0-350 pan	36° to 115° / 0-350 pan
Built-in IR-LED	—	—	—	—
Min. Illumination (Color / B&W)	0.015 lx / 0.006 lx	0.015 lx / 0.006 lx	0.01 lx / 0.004 lx	0.01 lx / 0.004 lx
WDR [Dynamic Range]	Yes [144dB]	Yes [144dB]	Yes [144dB]	Yes [144dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	60 fps	60 fps	60 fps	60 fps
Audio (In / Out / Built-in MIC)	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —
External I/O	Yes	Yes	Yes	Yes
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	— / —	— / —	— / —	— / —
Operating Temperature	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C
Power Source / Consumption	PoE / 12V DC 12.95W (PoE)	PoE / 12V DC 12.95W (PoE)	PoE / 12V DC 12W (PoE)	PoE / 12V DC 12W (PoE)
Other	FIPS 140-2 LV3 [*1]	FIPS 140-2 LV3 [*1]	FIPS 140-2 LV3 [*1], Smoke dome (ZYG)	FIPS 140-2 LV3 [*1], Smoke dome (ZYG)

[*1] FIPS 140-2 level 3-certified secure element is embedded.

OUTDOOR DOME CAMERAS



MODEL#	WV-X25700-V2LN	WV-X25600-V2LN	WV-X25500-V3LN	WV-X25300-V3LN
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	8MP(4K)	6MP	5MP	2MP
Analytics	Edge AI	Edge AI	Edge AI	Edge AI
Sensor	1/1.8 CMOS	1/1.8 CMOS	1/2.8 CMOS	1/2.8 CMOS
Focal length / F-number	4.3 to 8.6 mm, F1.5	4.3 to 8.6 mm, F1.5	2.9 to 9 mm, F1.3	2.9 to 9 mm, F1.3
Optical Zoom	2x, Motorized	2x, Motorized	3.1x, Motorized	3.1x, Motorized
Horizontal angle of view (16:9)	52° to 101°	52° to 101°	33° to 103°	36° to 113°
Built-in IR-LED	230 ft. / 70 m	230 ft. / 70 m	230 ft. / 70 m	230 ft. / 70 m
Min. Illumination (Color / B&W)	0.04 lx / 0 lx	0.04 lx / 0 lx	0.03 lx / 0 lx	0.007 lx / 0 lx
WDR [Dynamic Range]	Yes [132dB]	Yes [132dB]	Yes [132dB]	Yes [144dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	60 fps	60 fps	60 fps	60 fps
Audio (In / Out / Built-in MIC)	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —
External I/O	Yes [*2]	Yes [*2]	Yes [*2]	Yes [*2]
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP67, IP66 / IK10, 50J	IP67, IP66 / IK10, 50J	IP67, IP66 / IK10, 50J	IP67, IP66 / IK10, 50J
Operating Temperature	-40 °C to +55 °C	-40 °C to +55 °C	-40 °C to +55 °C	-40 °C to +55 °C
Power Source / Consumption	PoE+ / 12V DC [*2] 14.0W (PoE+)	PoE+ / 12V DC [*2] 14.0W (PoE+)	PoE+ / 12V DC [*2] 14.0W (PoE+)	PoE+ / 12V DC [*2] 14.0W (PoE+)
Other	FIPS 140-2 LV3 [*1], ClearSight, Re-paintable	FIPS 140-2 LV3 [*1], ClearSight, Re-paintable	FIPS 140-2 LV3 [*1], ClearSight, Re-paintable	FIPS 140-2 LV3 [*1], ClearSight, Re-paintable

OUTDOOR DOME CAMERAS



MODEL#	WV-U2542LA	WV-U2540LA	WV-S2536LA (LNA) (LGA) (LGNA)	WV-S2536LTA (LTNA)	WV-U2532LA	WV-U2530LA
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	4MP	4MP	2MP	2MP	2MP	2MP
Analytics	VMD	VMD	Edge AI	Edge AI	VMD	VMD
Sensor	1/2.7 CMOS	1/2.7 CMOS	1/2.8 MOS	1/2.8 MOS	1/3 CMOS	1/3 CMOS
Focal length / F-number	2.9 to 7.3 mm, F2.0	3.2 mm, F2.0	2.9 to 9 mm, F1.3	9 to 21mm, F1.7	2.9 to 7.3 mm, F2.0	3.2 mm, F2.0
Optical Zoom	2.5x, Motorized	—	3.1x, Motorized	2.3x, Motorized	2.5x, Motorized	—
Horizontal angle of view (16:9)	43° to 100°	100°	36° to 113°	15° to 36°	42° to 97°	97°
Built-in IR-LED	65 ft. / 20 m	65 ft. / 20 m	164 ft. / 50 m	164 ft. / 50 m	98 ft. / 30 m	98 ft. / 30 m
Min. Illumination (Color / B&W)	0.3 lx / 0 lx	0.3 lx / 0 lx	0.007 lx / 0 lx	0.011 lx / 0 lx	0.1 lx / 0 lx	0.1 lx / 0 lx
WDR [Dynamic Range]	Yes [102dB]	Yes [102dB]	Yes [144dB]	Yes [144dB]	Yes [120dB]	Yes [120dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	30 fps	30 fps	60 fps	60 fps	30 fps	30 fps
Audio (In / Out / Built-in MIC)	— / — / —	— / — / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	— / — / —	— / — / —
External I/O	—	—	Yes [*2]	Yes [*2]	—	—
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP66 / IK10	IP66 / IK10	IP66 / IK10, 50J	IP66 / IK10	IP66 / IK10	IP66 / IK10
Operating Temperature	-30 °C to +50 °C	-30 °C to +50 °C	-40 °C to +60 °C	-40 °C to +60 °C	-30 °C to +50 °C	-30 °C to +50 °C
Power Source / Consumption	PoE 7.2W	PoE 5.3W	PoE / 12V DC [*2] 9.1W (PoE)	PoE / 12V DC [*2] 10.1W (PoE)	PoE 6.7W	PoE 4.8W
Other	—	—	FIPS 140-2 LV3 [*1], ClearSight (LNA) (LGNA), Smoke dome (LGA) (LGNA), Re-paintable	FIPS 140-2 LV3 [*1], ClearSight (LTNA), Re-paintable	—	—

OUTDOOR DOME CAMERAS



MODEL#	WV-S25700-V2L (V2LN) (V2LG) (V2LN1)	WV-S25600-V2L (V2LN) (V2LG)	WV-S25500-V3L (V3LN) (V3LG) (V3LN1)	WV-S25500-F3L	WV-S25500-F6L
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	8MP(4K)	6MP	5MP	5MP	5MP
Analytics	Edge AI	Edge AI	Edge AI	Edge AI	Edge AI
Sensor	1/1.8 CMOS	1/1.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS
Focal length / F-number	4.3 to 8.6 mm, F1.5	4.3 to 8.6 mm, F1.5	2.9 to 9 mm, F1.3	3.2 mm, F2.0	6.1 mm, F1.6
Optical Zoom	2x, Motorized	2x, Motorized	3.1x, Motorized	—	—
Horizontal angle of view (16:9)	52° to 101°	52° to 101°	33° to 103°	95°	48°
Built-in IR-LED	230 ft. / 70 m	230 ft. / 70 m	180 ft. / 55 m	115 ft. / 35 m	148 ft. / 45 m
Min. Illumination (Color / B&W)	0.04 lx / 0 lx	0.04 lx / 0 lx	0.05 lx / 0 lx	0.12 lx / 0 lx	0.08 lx / 0 lx
WDR [Dynamic Range]	Yes [132dB]	Yes [132dB]	Yes [132dB]	Yes [132dB]	Yes [132dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	30 fps	30 fps	30 fps	30 fps	30 fps
Audio (In / Out / Built-in MIC)	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —
External I/O	Yes [*2]	Yes [*2]	Yes [*2]	Yes [*2]	Yes [*2]
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP66 / IK10, 50J	IP66 / IK10, 50J	IP66 / IK10, 50J	IP66 / IK10, 50J	IP66 / IK10, 50J
Operating Temperature	-40 °C to +60 °C	-40 °C to +60 °C	-40 °C to +60 °C	-40 °C to +60 °C	-40 °C to +60 °C
Power Source / Consumption	PoE / 12V DC [*2] 11.5W (PoE)	PoE / 12V DC [*2] 11.5W (PoE)	PoE / 12V DC [*2] 11.5W (PoE)	PoE / 12V DC [*2] 10.6W (PoE)	PoE / 12V DC [*2] 10.6W (PoE)
Other	FIPS 140-2 LV3 [*1], ClearSight (V2LN) (V2LN1), Smoke dome (V2LG), Black (V2LN1), Re-paintable	FIPS 140-2 LV3 [*1], ClearSight (V2LN), Smoke dome (V2LG), Re-paintable	FIPS 140-2 LV3 [*1], ClearSight (V3LN) (V3LN1), Smoke dome (V3LG), Black (V3LN1), Re-paintable	FIPS 140-2 LV3 [*1], Re-paintable	FIPS 140-2 LV3 [*1], Re-paintable

[*1] FIPS 140-2 level 3-certified secure element is embedded. [*2] Option cable WV-QCA501A is needed.

INDOOR VANDAL DOME CAMERAS



MODEL#	WV-X22700-V2L	WV-X22600-V2L	WV-X22500-V3L	WV-X22300-V3L
Environmental Type	Indoor Vandal	Indoor Vandal	Indoor Vandal	Indoor Vandal
Resolution	8MP(4K)	6MP	5MP	2MP
Analytics	Edge AI	Edge AI	Edge AI	Edge AI
Sensor	1/1.8 CMOS	1/1.8 CMOS	1/2.8 CMOS	1/2.8 CMOS
Focal length / F-number	4.3 to 8.6 mm, F1.5	4.3 to 8.6 mm, F1.5	2.9 to 9 mm, F1.3	2.9 to 9 mm, F1.3
Optical Zoom	2x, Motorized	2x, Motorized	3.1x, Motorized	3.1x, Motorized
Horizontal angle of view (16:9)	52° to 101°	52° to 101°	33° to 105°	36° to 114°
Built-in IR-LED	230 ft. / 70 m	230 ft. / 70 m	230 ft. / 70 m	230 ft. / 70 m
Min. Illumination (Color / B&W)	0.04 lx / 0 lx	0.04 lx / 0 lx	0.03 lx / 0 lx	0.007 lx / 0 lx
WDR [Dynamic Range]	Yes [132dB]	Yes [132dB]	Yes [132dB]	Yes [144dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	60 fps	60 fps	60 fps	60 fps
Audio (In / Out / Built-in MIC)	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —
External I/O	Yes [*2]	Yes [*2]	Yes [*2]	Yes [*2]
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	— / IK10	— / IK10	— / IK10	— / IK10
Operating Temperature	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C
Power Source / Consumption	PoE+ / 12V DC [*2] 14.0W (PoE+)	PoE+ / 12V DC [*2] 14.0W (PoE+)	PoE+ / 12V DC [*2] 14.0W (PoE+)	PoE+ / 12V DC [*2] 14.0W (PoE+)
Other	FIPS 140-2 LV3 [*1], Re-paintable	FIPS 140-2 LV3 [*1], Re-paintable	FIPS 140-2 LV3 [*1], Re-paintable	FIPS 140-2 LV3 [*1], Re-paintable

[*1] FIPS 140-2 level 3-certified secure element is embedded. [*2] Option cable WV-QCA501A is needed.

INDOOR VANDAL DOME CAMERAS



MODEL#	WV-S22700-V2L (V2LG) (V2L1)	WV-S22600-V2L (V2LG)	WV-S22500-V3L (V3LG) (V3L1)	WV-S22500-F3L	WV-S22500-F6L	WV-S2236LA (LGA) (LA-B) (LGA-B)
Environmental Type	Indoor Vandal	Indoor Vandal	Indoor Vandal	Indoor Vandal	Indoor Vandal	Indoor Vandal
Resolution	8MP(4K)	6MP	5MP	5MP	5MP	2MP
Analytics	Edge AI	Edge AI	Edge AI	Edge AI	Edge AI	Edge AI
Sensor	1/1.8 CMOS	1/1.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 MOS
Focal length / F-number	4.3 to 8.6 mm, F1.5	4.3 to 8.6 mm, F1.5	2.9 to 9 mm, F1.3	3.2 mm, F2.0	6.1 mm, F1.6	2.9 to 9mm, F1.3
Optical Zoom	2x, Motorized	2x, Motorized	3.1x, Motorized	—	—	3.1x, Motorized
Horizontal angle of view (16:9)	52° to 101°	52° to 101°	33° to 105°	95°	48°	36° to 114°
Built-in IR-LED	164 ft. / 50 m	164 ft. / 50 m	131 ft. / 40 m	82 ft. / 25 m	115 ft. / 35 m	164 ft. / 50 m
Min. Illumination (Color / B&W)	0.04 lx / 0 lx	0.04 lx / 0 lx	0.05 lx / 0 lx	0.12 lx / 0 lx	0.08 lx / 0 lx	0.007 lx / 0 lx
WDR [Dynamic Range]	Yes [132dB]	Yes [132dB]	Yes [132dB]	Yes [132dB]	Yes [132dB]	Yes [144dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	30 fps	30 fps	30 fps	30 fps	30 fps	60 fps
Audio (In / Out / Built-in MIC)	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —
External I/O	Yes	Yes	Yes	Yes	Yes	Yes
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	— / IK10	— / IK10	— / IK10	— / IK10	— / IK10	— / IK10
Operating Temperature	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C
Power Source / Consumption	PoE / 12V DC 11.5W (PoE)	PoE / 12V DC 11.5W (PoE)	PoE / 12V DC 11.5W (PoE)	PoE / 12V DC 10.6W (PoE)	PoE / 12V DC 10.6W (PoE)	PoE / 12V DC 8.7W (PoE)
Other	FIPS 140-2 LV3 [*1], Smoke dome (V2LG), Black (V2L1), Re-paintable	FIPS 140-2 LV3 [*1], Smoke dome (V2LG), Re-paintable	FIPS 140-2 LV3 [*1], Smoke dome (V3LG), Black (V3L1), Re-paintable	FIPS 140-2 LV3 [*1], Re-paintable	FIPS 140-2 LV3 [*1], Re-paintable	FIPS 140-2 LV3 [*1], Smoke dome (LGA) (LGA-B), Black (LA-B) (LGA-B), Re-paintable

INDOOR DOME CAMERAS



MODEL#	WV-U2132LA	WV-U21300-V2L	WV-U2130LA
Environmental Type	Indoor	Indoor	Indoor
Resolution	2MP	2MP	2MP
Analytics	VMD	VMD	VMD
Sensor	1/3 CMOS	1/2.8 CMOS	1/3 CMOS
Focal length / F-number	2.9 to 7.3 mm, F2.0	2.9 to 7.3 mm, F2.0	3.16 mm, F2.0
Optical Zoom	2.5x, Motorized	2.5x, Motorized	—
Horizontal angle of view (16:9)	42° to 97°	42° to 97°	97°
Built-in IR-LED	98 ft. / 30 m	131 ft. / 40 m	100 ft. / 30 m
Min. Illumination (Color / B&W)	0.1 lx / 0 lx	0.1 lx / 0 lx	0.1 lx / 0 lx
WDR [Dynamic Range]	Yes [120dB]	Yes [120dB]	Yes [120dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	30 fps	30 fps	30 fps
Audio (In / Out / Built-in MIC)	— / — / —	— / — / Yes	— / — / —
External I/O	—	—	—
SD Memory Card Slot	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	— / —	— / —	— / —
Operating Temperature	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C
Power Source / Consumption	PoE 5.8W	PoE 5.8W	PoE 4.8W
Other	—	—	—

INDOOR DOME CAMERAS



MODEL#	WV-U2142LA	WV-U2140LA	WV-S2136LA (LGA) (LA-B) (LGA-B)	WV-S2136A (-) (GA) (GA-B)
Environmental Type	Indoor	Indoor	Indoor	Indoor
Resolution	4MP	4MP	2MP	2MP
Analytics	VMD	VMD	Edge AI	Edge AI
Sensor	1/2.7 CMOS	1/2.7 CMOS	1/2.8 MOS	1/2.8 MOS
Focal length / F-number	2.9 to 7.3 mm, F2.0	3.2 mm, F2.0	2.9 to 9mm, F1.3	2.9 to 9mm, F1.3
Optical Zoom	2.5x, Motorized	—	3.1x, Motorized	3.1x, Motorized
Horizontal angle of view (16:9)	44° to 102°	100°	36° to 115°	36° to 115°
Built-in IR-LED	65 ft. / 20 m	65 ft. / 20 m	164 ft. / 50 m	164 ft. / 50 m
Min. Illumination (Color / B&W)	0.3 lx / 0 lx	0.3 lx / 0 lx	0.007 lx / 0 lx	0.007 lx / 0.006 lx
WDR [Dynamic Range]	Yes [102dB]	Yes [102dB]	Yes [144dB]	Yes [144dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	30 fps	30 fps	60 fps	60 fps
Audio (In / Out / Built-in MIC)	— / — / —	— / — / —	Yes / Yes / —	Yes / Yes / —
External I/O	—	—	Yes	Yes
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	— / —	— / —	— / —	— / —
Operating Temperature	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C
Power Source / Consumption	PoE 6.5W	PoE 5.3W	PoE / 12V DC 8.7W (PoE)	PoE / 12V DC 8.7W (PoE)
Other	—	—	FIPS 140-2 LV3 [*1], Smoke dome (LGA) (LGA-B), Black (LA-B) (LGA-B)	FIPS 140-2 LV3 [*1], Smoke dome (GA) (GA-B), Black (-) (GA-B)

[*1] FIPS 140-2 level 3-certified secure element is embedded.

BULLET CAMERAS



MODEL#	WV-X15700-V2L (V2LN)	WV-X15600-V2L (V2LN)	WV-X15500-V3L (V3LN)	WV-X15300-V3L (V3LN)
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	8MP(4K)	6MP	5MP	2MP
Analytics	Edge AI	Edge AI	Edge AI	Edge AI
Sensor	1/1.8 CMOS	1/1.8 CMOS	1/2.8 CMOS	1/2.8 CMOS
Focal length / F-number	4.3 to 8.6mm, F1.5	4.3 to 8.6mm, F1.5	2.9 to 9 mm, F1.3	2.9 to 9 mm, F1.3
Optical Zoom	2x, Motorized	2x, Motorized	3.1x, Motorized	3.1x, Motorized
Horizontal angle of view (16:9)	53° to 104°	53° to 104°	34° to 106°	37° to 117°
Built-in IR-LED	230 ft. / 70 m	230 ft. / 70 m	230 ft. / 70 m	230 ft. / 70 m
Min. Illumination (Color / B&W)	0.04 lx / 0 lx	0.04 lx / 0 lx	0.03 lx / 0 lx	0.007 lx / 0 lx
WDR [Dynamic Range]	Yes [132dB]	Yes [132dB]	Yes [132dB]	Yes [144dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	60 fps	60 fps	60 fps	60 fps
Audio (In / Out / Built-in MIC)	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —
External I/O	Yes [*2]	Yes [*2]	Yes [*2]	Yes [*2]
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP67, IP66 / IK10	IP67, IP66 / IK10	IP67, IP66 / IK10	IP67, IP66 / IK10
Operating Temperature	-40 °C to +55 °C	-40 °C to +55 °C	-40 °C to +55 °C	-40 °C to +55 °C
Power Source / Consumption	PoE+ / 12V DC [*2] 14.0W (PoE+)	PoE+ / 12V DC [*2] 14.0W (PoE+)	PoE+ / 12V DC [*2] 14.0W (PoE+)	PoE+ / 12V DC [*2] 14.0W (PoE+)
Other	FIPS 140-2 LV3 [*1], ClearSight (V2LN), Re-paintable	FIPS 140-2 LV3 [*1], ClearSight (V2LN), Re-paintable	FIPS 140-2 LV3 [*1], ClearSight (V3LN), Re-paintable	FIPS 140-2 LV3 [*1], ClearSight (V3LN), Re-paintable

[*1] FIPS 140-2 level 3-certified secure element is embedded. [*2] Option cable WV-QCA501A is needed.

BULLET CAMERAS



MODEL#	WV-S15700-V2L (V2LN) (V2LK)	WV-S15600-V2L (V2LN)	WV-S15500-V3L (V3LN) (V3LN1) (V3LK)	WV-S15500-F3L	WV-S15500-F6L
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	8MP(4K)	6MP	5MP	5MP	5MP
Analytics	Edge AI	Edge AI	Edge AI	Edge AI	Edge AI
Sensor	1/1.8 CMOS	1/1.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS
Focal length / F-number	4.3 to 8.6mm, F1.5	4.3 to 8.6mm, F1.5	2.9 to 9 mm, F1.3	3.2 mm, F2.0	6.1 mm, F1.6
Optical Zoom	2x, Motorized	2x, Motorized	3.1x, Motorized	—	—
Horizontal angle of view (16:9)	53° to 104°	53° to 104°	34° to 106°	98°	49°
Built-in IR-LED	230 ft. / 70 m	230 ft. / 70 m	180 ft. / 55 m	115 ft. / 35 m	148 ft. / 45 m
Min. Illumination (Color / B&W)	0.04 lx / 0 lx	0.04 lx / 0 lx	0.05 lx / 0 lx	0.12 lx / 0 lx	0.08 lx / 0 lx
WDR [Dynamic Range]	Yes [132dB]	Yes [132dB]	Yes [132dB]	Yes [132dB]	Yes [132dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	30 fps	30 fps	30 fps	30 fps	30 fps
Audio (In / Out / Built-in MIC)	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —
External I/O	Yes [*2]	Yes [*2]	Yes [*2]	Yes [*2]	Yes [*2]
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66 / IK10
Operating Temperature	-40 °C to +60 °C	-40 °C to +60 °C	-40 °C to +60 °C	-40 °C to +60 °C	-40 °C to +60 °C
Power Source / Consumption	PoE / 12V DC [*2] 11.5W (PoE)	PoE / 12V DC [*2] 11.5W (PoE)	PoE / 12V DC [*2] 11.5W (PoE)	PoE / 12V DC [*2] 10.6W (PoE)	PoE / 12V DC [*2] 10.6W (PoE)
Other	FIPS 140-2 LV3 [*1], ClearSight (V2LN) (V2LK), Re-paintable, Salt resistant (V2LK)	FIPS 140-2 LV3 [*1], ClearSight (V2LN), Re-paintable	FIPS 140-2 LV3 [*1], ClearSight (V3LN) (V3LN1) (V3LK), Black (V3LN1) / Re-paintable, Salt resistant (V3LK)	FIPS 140-2 LV3 [*1], Re-paintable	FIPS 140-2 LV3 [*1], Re-paintable

BULLET CAMERAS



MODEL#	WV-U1542LA	WV-S1536LA (LA-B) (LNA) (LNA-B) (LNSA)	WV-S1536LTA (LTNA)	WV-U1532LA
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	4MP	2MP	2MP	2MP
Analytics	VMD	Edge AI	Edge AI	VMD
Sensor	1/2.7 CMOS	1/2.8 MOS	1/2.8 MOS	1/3 CMOS
Focal length / F-number	2.9 to 7.3 mm, F2.0	2.9 to 9mm, F1.3	9 to 21mm, F1.7	2.9 to 7.3 mm, F2.0
Optical Zoom	2.5x, Motorized	3.1x, Motorized	2.3x, Motorized	2.5x, Motorized
Horizontal angle of view (16:9)	44° to 103°	37° to 117°	15° to 36°	43° to 100°
Built-in IR-LED	65 ft. / 20 m	230 ft. / 70 m	230 ft. / 70 m	30 m (Approx. 100 ft)
Min. Illumination (Color / B&W)	0.3 lx / 0 lx	0.007 lx / 0 lx	0.011 lx / 0 lx	0.1 lx / 0 lx
WDR [Dynamic Range]	Yes [102dB]	Yes [144dB]	Yes [144dB]	Yes [120dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	30 fps	60 fps	60 fps	30 fps
Audio (In / Out / Built-in MIC)	— / — / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	— / — / —
External I/O	—	Yes [*2]	Yes [*2]	—
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66 / IK10
Operating Temperature	-30 °C to +50 °C	-40 °C to +60 °C	-40 °C to +60 °C	-30 °C to +50 °C
Power Source / Consumption	PoE 7.2W	PoE / 12V DC [*2] 9.1W (PoE)	PoE / 12V DC [*2] 10.6W (PoE)	PoE 6.7W
Other	—	FIPS 140-2 LV3 [*1], ClearSight (LNA) (LNA-B) (LNSA), Black (LA-B) (LNA-B), Re-paintable, Salt resistant (LNSA)	FIPS 140-2 LV3 [*1], ClearSight (LTNA), Re-paintable	—

[*1] FIPS 140-2 level 3-certified secure element is embedded. [*2] Option cable WV-QCA501A is needed.

BOX CAMERAS



MODEL#	WV-S1136A	WV-U1142A	WV-U1132A	WV-U11300-V2	WV-U1130A
Environmental Type	Indoor	Indoor	Indoor	Indoor	Indoor
Resolution	2MP	4MP	2MP	2MP	2MP
Analytics	Edge AI	VMD	VMD	VMD	VMD
Sensor	1/2.8 MOS	1/2.7 CMOS	1/3 CMOS	1/2.8 CMOS	1/3 CMOS
Focal length / F-number	CS Mount *Lens is not included	2.9 to 7.3 mm, F2.0	2.9 to 7.3 mm, F2.0	2.9 to 7.3 mm, F2.0	3.2 mm, F2.0
Optical Zoom	—	2.5x, Motorized	2.5x, Motorized	2.5x, Motorized	—
Horizontal angle of view (16:9)	—	44° to 103°	43° to 100°	43° to 100°	100°
Built-in IR-LED	—	—	—	—	—
Min. Illumination (Color / B&W)	0.008 lx / 0.004 lx @F1.2	0.3 lx / 0.12 lx	0.1 lx / 0.04 lx	0.1 lx / 0.04 lx	0.1 lx / 0.04 lx
WDR [Dynamic Range]	Yes [144dB]	Yes [102dB]	Yes [120dB]	Yes [120dB]	Yes [120dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	60 fps	30 fps	30 fps	30 fps	30 fps
Audio (In / Out / Built-in MIC)	Yes / Yes / —	— / — / —	— / — / —	— / — / Yes	— / — / —
External I/O	—	—	—	—	—
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	— / —	— / —	— / —	— / —	— / —
Operating Temperature	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C
Power Source / Consumption	PoE / 12V DC 6.3W (PoE)	PoE 4.8W	PoE 4.3W	PoE 4.3W	PoE 3.8W
Other	FIPS 140-2 LV3 [*1]	—	—	—	—

FISHEYE CAMERAS



MODEL#	WV-S4576LA WV-S4576LMA	WV-S4556LA WV-S4556LMA	WV-S4176A	WV-S4156A
Environmental Type	Outdoor	Outdoor	Indoor	Indoor
Resolution	12MP	5MP	12MP	5MP
Analytics	Edge AI	Edge AI	Edge AI	Edge AI
Sensor	1/2 CMOS	1/3 CMOS	1/2 CMOS	1/3 CMOS
Focal length / F-number	1.4 mm, F1.9	0.84 mm, F2.4	1.4 mm, F1.9	0.84 mm, F2.4
Optical Zoom	—	—	—	—
Horizontal angle of view (16:9)	183°	186°	183°	186°
Built-in IR-LED	45 ft. / 14 m	45 ft. / 14 m	—	—
Min. Illumination (Color / B&W)	0.3 lx / 0 lx	0.15 lx / 0 lx	0.3 lx / 0.2 lx	0.15 lx / 0.1 lx
WDR [Dynamic Range]	[84dB]	Yes [120dB]	[84dB]	Yes [120dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	30 fps	30 fps	30 fps	30 fps
Audio (In / Out / Built-in MIC)	Yes / Yes / —	Yes / Yes / —	Yes / Yes / Yes	Yes / Yes / Yes
External I/O	Yes	Yes	Yes	Yes
SD Memory Card Slot	SDXC	SDXC	SDXC	SDXC
Weather / Vandal Resistant	IP66 / IK10, 50J	IP66 / IK10, 50J	— / —	— / —
Operating Temperature	-40 °C to +60 °C	-40 °C to +60 °C	-10 °C to +50 °C	-10 °C to +50 °C
Power Source / Consumption	PoE / 12V DC 12.95W (PoE)	PoE / 12V DC 12.5W (PoE)	PoE / 12V DC 8.6W (PoE)	PoE / 12V DC 6.7W (PoE)
Other	FIPS 140-2 LV3 [*1], Re-paintable, Railway Application/ M12 connector (S4576LMA)	FIPS 140-2 LV3 [*1], Re-paintable, Railway Application/ M12 connector (S4556LMA)	FIPS 140-2 LV3 [*1]	FIPS 140-2 LV3 [*1]

[*1] FIPS 140-2 level 3-certified secure element is embedded.

OUTDOOR COMPACT CAMERAS



MODEL#	WV-X35402-F2L (F2LM) WV-S35402-F2L (F2LG) (F2L1)	WV-X35302-F2L (F2LM) WV-S35302-F2L (F2LG) (F2L1)	WV-U35401-F2L (F2LG)	WV-U35301-F2L (F2LG)	WV-SBV131M
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	4MP	2MP	4MP	2MP	2MP
Analytics	Edge AI	Edge AI	VMD	VMD	VMD
Sensor	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/3 CMOS
Focal Length / F-number	2.4mm, F2.1	2.4mm, F2.1	2.4mm, F2.1	2.4mm, F2.1	1.95 mm, F2.2
Optical Zoom	—	—	—	—	—
Horizontal Angle of View (16:9)	121°	132°	128°	123°	109°
Built-in IR-LED	69 ft. / 21 m	69 ft. / 21 m	46 ft. / 14 m	69 ft. / 21 m	—
Min. Illumination (Color / B&W)	0.07 lx / 0 lx	0.02 lx / 0 lx	0.24 lx / 0 lx	0.08 lx / 0 lx	0.1 lx / 0.06 lx
WDR [Dynamic Range]	Yes [132dB]	Yes [144dB]	Yes [102dB]	Yes [120dB]	Yes
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.264 Smart Coding
Max. fps @Max. Resolution	30 fps	60 fps	30 fps	30 fps	30 fps
Audio (In / Out / Built-in MIC)	— / — / Yes	— / — / Yes	— / — / Yes	— / — / Yes	— / — / —
External I/O	—	—	—	—	—
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC	SDXC
Weather / Vandal Resistant	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP6K9K, IP66 / IK10
Operating Temperature	-40 °C to +60 °C (X-series) -30 °C to +50 °C (S-series)	-40 °C to +60 °C (X-series) -30 °C to +50 °C (S-series)	-30 °C to +50 °C	-30 °C to +50 °C	-40 °C to +60 °C
Power Source / Consumption	PoE Consumption: TBD	PoE Consumption: TBD	PoE Consumption: TBD	PoE Consumption: TBD	PoE 3.8W
Other	FIPS 140-2 LV3 [*1], Railway standards (X-series), M12 connector (F2LM), Smoke dome (F2LG), Black (F2L1)	FIPS 140-2 LV3 [*1], Railway standards (X-series), M12 connector (F2LM), Smoke dome (F2LG), Black (F2L1)	Smoke dome (F2LG)	Smoke dome (F2LG)	MIL-STD-810G, EN50155-T3, EN50121, EN45545, EN50498, ECE-R10, M12 connector

INDOOR COMPACT CAMERAS



MODEL#	WV-S32402-F2L (F2LG) (F2L1)	WV-S32302-F2L (F2LG) (F2L1)	WV-U31401-F2L (F2LG)	WV-U31301-F2L (F2LG)	WV-S71300-F3A
Environmental Type	Indoor Vandal	Indoor Vandal	Indoor	Indoor	Indoor
Resolution	4MP	2MP	4MP	2MP	2MP
Analytics	Edge AI	Edge AI	VMD	VMD	Edge AI
Sensor	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 CMOS	1/2.8 MOS
Focal Length / F-number	2.4mm, F2.1	2.4mm, F2.1	2.4mm, F2.1	2.4mm, F2.1	3.2mm, F2.0
Optical Zoom	—	—	—	—	—
Horizontal angle of view (16:9)	121°	132°	128°	123°	81.1°
Built-in IR-LED	69 ft. / 21 m	69 ft. / 21 m	46 ft. / 14 m	69 ft. / 21 m	—
Min. Illumination (Color / B&W)	0.07 lx / 0 lx	0.02 lx / 0 lx	0.24 lx / 0 lx	0.08 lx / 0 lx	0.2 lx / 0.2 lx
WDR [Dynamic Range]	Yes [132dB]	Yes [144dB]	Yes [102dB]	Yes [120dB]	—
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	30 fps	60 fps	30 fps	30 fps	30 fps
Audio (In / Out / Built-in MIC)	— / — / Yes	— / — / Yes	— / — / Yes	— / — / Yes	— / — / Yes
External I/O	—	—	—	—	—
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	— / IK10	— / IK10	— / —	— / —	IP44 / —
Operating Temperature	0 °C to +40 °C	0 °C to +40 °C	0 °C to +40 °C	0 °C to +40 °C	-10 °C to +40 °C
Power Source / Consumption	PoE Consumption: TBD	PoE Consumption: TBD	PoE Consumption: TBD	PoE Consumption: TBD	PoE / USB Type-C 8.2W (PoE)
Other	FIPS 140-2 LV3 [*1], Smoke dome (F2LG), Black (F2L1)	FIPS 140-2 LV3 [*1], Smoke dome (F2LG), Black (F2L1)	Smoke dome (F2LG)	Smoke dome (F2LG)	FIPS 140-2 LV3 [*1], USB I/F for setting thru Wi-Fi

[*1] FIPS 140-2 level 3-certified secure element is embedded.

NVR WJ-NX310/NX410/NX510 Series

NX Series Features

- Secure high-bandwidth recording
- High reliability and redundancy
- Scalable storage
- Perfectly adapted to i-PRO AI products
- High security
 - GlobalSign® certificates pre-installed
 - FIPS 140-2 LV3 [*1]
- Onvif/RTSP supported
- Remote Monitoring



[*1] FIPS 140-2 level 3-certified secure element is embedded

Detail : https://i-pro.com/products_and_solutions/en/surveillance/products/new-products/new-nxr-recorder



NVRs



MODEL#	WJ-NX310	WJ-NX410	WJ-NX510	WJ-HXE410
Type	NETWORK VIDEO RECORDERS			HDD Extension Unit
Video Compression	H.265 / H.264 / JPEG			
Camera Channel	Default / Max	16 ch / 32 ch	32 ch / 64 ch	64 ch / 128 ch
PoE port	—			
Throughput	Recording / Output	256 Mbps / 256 Mbps	384 Mbps / 256 Mbps	—
Max HDD	4 HDDs	9 HDDs (Main Unit) 54 HDDs (with 5 x WJ-HXE410)	9 HDDs	9 HDDs
RAID	RAID 1	RAID 1, 5, 6		—
Monitor Output	2 x HDMI (4K)			—
Alarm Port	9 inputs / 1 output	32 inputs / 4 outputs		—
Simultaneous User Access	Max 16 users			—
Network Interface	2 x 1000BASE-T	2 x 1000BASE-T, 1 x 100BASE-TX (for maintenance)		—
Operating Temperature	0°C to 45°C			
Dimensions (inch)	(W)420 x (D)370 x (H)88(mm) (W)16-17/32 x (D)14-9/16 x (H)3-15/32(inches)	(W)430 x (D)413 x (H)132(mm) (W)16-15/16 x (D)16-1/4 x (H)5-3/16(inches)		(W)430 x (D)416 x (H)132(mm) (W)16-15/16 x (D)16-3/8 x (H)5-3/16(inches)
Weight	7 kg {15.4 lbs.}(no HDD)	11.5 kg {25.4 lbs.}(no HDD)		11.0 kg {24.3 lbs.}(no HDD)
Standard Accessory	Rack mount			
Model Number	WJ-NX310/8000T8 8TB Model (1 x 8TB HDD) WJ-NX310/18000T18 18TB Model (1 x 18TB HDD) WJ-NX310/32000T8 32TB Model (4 x 8TB HDD) WJ-NX310/72000T18 72TB Model (4 x 18TB HDD)	WJ-NX410/8000T8 8TB Model (1 x 8TB HDD) WJ-NX410/18000T18 18TB Model (1 x 18TB HDD) WJ-NX410/72000T8 72TB Model (9 x 8TB HDD) WJ-NX410/162000T18 162TB Model (9 x 18TB HDD)	WJ-NX510/8000T8 8TB Model (1 x 8TB HDD) WJ-NX510/18000T18 18TB Model (1 x 18TB HDD) WJ-NX510/72000T8 72TB Model (9 x 8TB HDD) WJ-NX510/162000T18 162TB Model (9 x 18TB HDD)	WJ-HXE410/8000T8 8TB Model (1 x 8TB HDD) WJ-HXE410/18000T18 18TB Model (1 x 18TB HDD) WJ-HXE410/72000T8 72TB Model (9 x 8TB HDD) WJ-HXE410/162000T18 162TB Model (9 x 18TB HDD)

OPTIONAL ACCESSORIES

	FOR WJ-NX310	FOR WJ-NX410	FOR WJ-NX510	FOR WJ-HXE410
HDD				
	CANISTER-NX3/8TB (8TB)	CANISTER-NX4/8TB (8TB)		—
	CANISTER-NX3/18TB (18TB)	CANISTER-NX4/18TB (18TB)		—
HDD Extension Unit	WJ-HXE410			—
Additional License	Camera CH Kit	WJ-NXE32W (8 camera license) WJ-NXE33W (16 camera license)	WJ-NXE42W (32 camera license)	WJ-NXE52W (32 camera license) WJ-NXE53W (64 camera license)
	Data Encryption Kit	WJ-NXS01W (1 camera) / WJ-NXS04W (4 cameras) / WJ-NXS16W (16 cameras) / WJ-NXS32W (32 cameras)		

NVR with a build-in PoE+ switch WJ-NU101 / 201 / 300 / 301 Series

NU Series Features

- NVR with a build-in PoE+ switch
- Easy installation
- Scalable Storage
- Perfectly adapted to i-PRO AI products
- High security
 - GlobalSign® certificates pre-installed
 - FIPS 140-2 LV3[*1]
- Connectivity
 - RTSP supported
- Remote monitoring
 - Monitoring from anywhere
 - Monitoring multiple locations

[*1] FIPS 140-2 level 3-certified secure element is embedded



Detail : https://i-pro.com/products_and_solutions/en/surveillance/products/new-products/new-nvr-build-poe-switch



NVR with a build-in PoE+ switch



MODEL#	WJ-NU101		WJ-NU201		WJ-NU300		WJ-NU301	
	NVR WITH A BUILD-IN POE+ SWITCH							
Video Compression	H.265 / H.264 / JPEG							
Max Camera Channel	4 ch		8 ch		16 ch			
Video Throughput	48Mbps/48Mbps		64Mbps/64Mbps		128Mbps/128Mbps			
Recording / Output	48Mbps/48Mbps		64Mbps/64Mbps		128Mbps/128Mbps			
HDD slot	1 HDD (Main Unit)				2 HDDs (Main Unit)			
Max HDD capacity for each SATA	Up to 20 TB							
Network Interface	4x 10BASE-T 100BASE-TX (RJ45, PoE+)	1x 10BASE-T 100BASE-TX 1000BASE-T (RJ45)	8x 10BASE-T 100BASE-TX (RJ45, PoE+)	1x 10BASE-T 100BASE-TX 1000BASE-T (RJ45)	8x 10BASE-T 100BASE-TX (RJ45, PoE+)	1x 10BASE-T 100BASE-TX 1000BASE-T (RJ45)	16x 10BASE-T 100BASE-TX (RJ45, PoE+)	1x 10BASE-T 100BASE-TX 1000BASE-T (RJ45)
PoE budget	4 port Total Max 47W Each port Max:30W		8 port Total Max 106W Each port Max:30W		16port Total Max 233W Each port Max:30W			
RAID	—				RAID1			
Monitor Output	2 x HDMI (1x 4K, 1x Full HD)							
Alarm port	In:4 / out:1 (Additional General purpose I/O :2)							
Simultaneous User Access	Max 16 users							
Operating temperature	0 °C to 45°C							
Dimensions (inch)	(W)340 x (D)230 x (H)44(mm) (W)13-25/64 x (D)9-1/16 x (H)1-47/64(inches)				(W)420 x (D)300 x (H)88(mm) (W)16-17/32 x (D)11-13/16 x (H)3-15/32(inches)			
Weight	2.1 kg / 4.6 lbs				4.7 kg / 10.4 lbs			
	RACK MOUNT COMPATIBILITY							
WV-QRM001	Rack mount bracket for vertical installation				—			
WV-QRM101	Rack mount bracket				—			
WV-QRM201	Rack mount bracket for wall mounting				Rack mount bracket			

Rack mount bracket

OPTIONAL ACCESSORIES				
Usage	Vertical installation	Rack mount Bracket	Wall mounting	Rack mount Bracket
MODEL#	WV-QRM001	WV-QRM101	WV-QRM201	
Image				

Management Software

i-PRO Management Software

WV-ASM300W

Extension Software

WV-ASE202W / WV-ASE203W / WV-ASE205W

Easy setting: New WV-ASM300W software enable a whole setting from camera configuration to recorder configuration.

- Up to 100 recorders, 64 encoders and 256 directly connected cameras can be registered. Up to 6,400 cameras registered in the recorders and 256 cameras registered in the encoders are automatically registered in the WV-ASM300W (the number of the cameras depends on the recorder and encoder).
- Encryption of SSL and data encryption support latest "AES-256bit key" strong encryption.
- MP4 data direct download from WJ-NX310, NX410, NX510, NU101, NU201, NU300, NU301.
- When used with WJ-NX310, NX410, NX510, NU101, NU201, NU300, NU301, VMD, thumbnail search can be operated.
- Selecting the camera icon in map window, a still image of the camera is overlaid.
- Live window, Map window in addition to the Operation window (3 monitors).
- Control using the System Controller WV-CU980
<https://i-pro.com/global/en/surveillance/products/wv-cu980>
- 3D Dewarp: virtual PTZ operations for better operability and monitoring experience.

*To use the multi-monitor function, it is necessary to install an additional video card on the PC in use.



*monitor displays are optional.

WV-ASE202W

- Expand the maximum numbers of screens to 64.
- Up to 4 live windows.
- Multi-monitor function using up to 6 PC monitors.
- To display the operation window, the map window and the 4 map windows simultaneously.

WV-ASE203W

- Expand the maximum numbers of registered recorders, encoders and cameras to 100, 64 and 256 respectively.
- Up to 4 licenses for the WV-ASE203W can be added.

WV-ASE205W

- Visibility Enhancement Function.

Spatial Tonal Correction

Snowfall and Rainfall Noise Reduction

Multi-frame Synthesis Noise Reduction

Storage Device / Microphone / PoE Injector / Coaxial-LAN Converter

STORAGE DEVICE



MODEL#	WV-SDA032G	WV-SDA064G	WV-SDA128G	WV-SDA256G	WV-SDA512G
Type	SDHC	SDXC	SDXC	SDXC	SDXC
Storage	32GB	64GB	128GB	256GB	512GB

MODEL#	WV-SDB032G	WV-SDB064G	WV-SDB128G	WV-SDB256G
Type	microSDHC	microSDXC	microSDXC	microSDXC
Storage	32GB	64GB	128GB	256GB

MICROPHONE



MODEL#	WV-PM500
Directionality	Non-directional
Power	Plug-in power type, 1.5 VDC to 5 VDC, Max. current: 300 uA
Terminal / Cable	3.5 mm stereo mini plug (L ch monaural) Cable length: 2.6 m {8.53 feet}
Operating Temperature	-20 °C to +60 °C [-4 °F to +140 °F]
Dust and Water Resistant	IP65

POE INJECTOR



MODEL#	WJ-PU201	WV-PU201F
Power Input	100 to 240V AC	100 to 240V AC
Max. Power output	60W @ -10 °C to +40 °C / 30W @ -10 °C to +50 °C	60W @ -10 °C to +40 °C / 30W @ -10 °C to +50 °C
Network Interface	10BASE-T/100BASE-TX/1000BASE-T, RJ45 connector (x2)	10BASE-T/100BASE-TX/1000BASE-T, RJ45 connector (x2) Standard SFP module port (LC type) (x1)
IEEE Standards	IEEE802.3bt/at/af	IEEE802.3bt/at/af
Dimensions	65 mm (W) x 36 mm (H) x 163 mm (D) {2" 9/16 (W) x 1" 13/32 (H) x 6" 13/32 (D)}	80 mm (W) x 50 mm (H) x 184 mm (D) {3" 5/32 (W) x 1" 31/32 (H) x 7" 1/4 (D)}

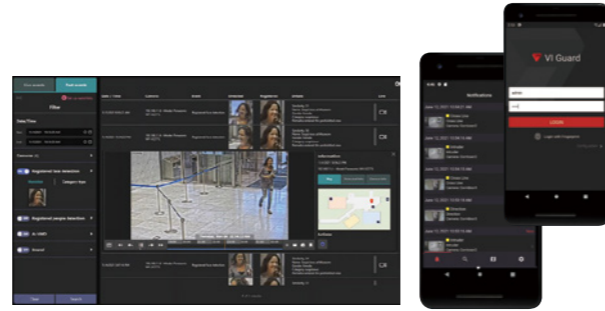
COAXIAL-LAN CONVERTER



MODEL#	WJ-PC200	WJ-PR204	WJ-PR201
Device Type	Camera Side Unit	4CH Receiver	1CH Receiver
Max. Distance w/ AC adaptor	PoE cam non - PoE cam	1,640 ft. (500 m)	
Optional Rack Mount	—	500 m (1,640 ft)	2.0 km (6,561 ft)
	—	BY-HCA10A	

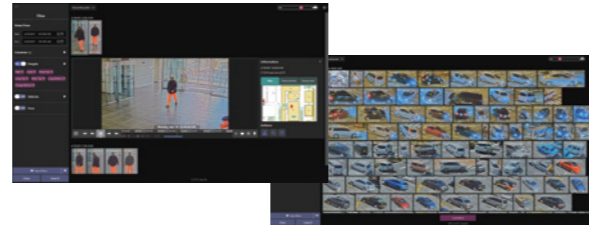
Immediate response to or prevention of incidents

- Detect various events such as intruder, gunshot sound, and watchlist alarm for specific faces, people, vehicle and license plate group.
Rule-based action on VMS enables automation of system behavior when an event occurs.
- A mobile application* frees you from work in a monitoring room. Also, by linking the PC software and mobile application, the necessary information can be transmitted from a person in the monitoring room to the security guards outside.
*Video Insight only.



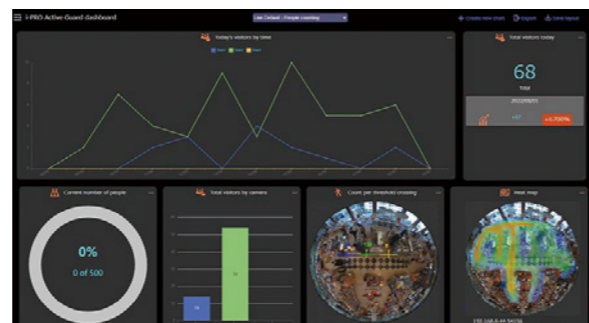
Significant reduction in post investigation time

- Searching by face, license plate, and characteristics of people and vehicles enables fast searching in a matter of seconds, not hours.
- This advantage is maximized by many supported attributes with high precision based on i-PRO deep learning technology and by the high image quality of the i-PRO camera.



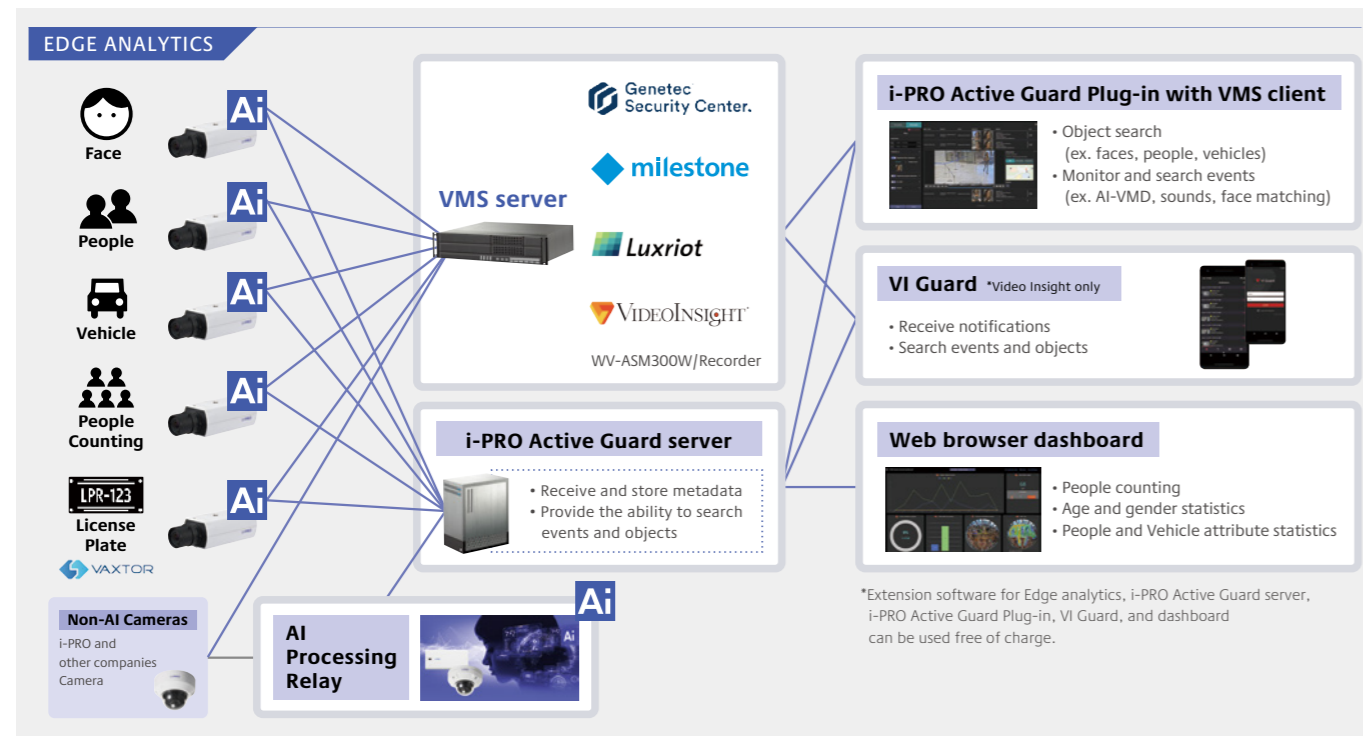
Customizable dashboard display for business intelligence

- The dashboard on the web browser shows people counting, license plate counting, face and gender statistics, and people and vehicle attribute statistics.
This can be utilized for business intelligence.
- Users can customize the content, size, location, data display period, etc. shown according to their needs.



Flexible system architecture

- Fully integrated into devices from Genetec and Milestone as well as Video Insight.
- No need for expensive analysis server thanks to edge analytics.
- By installing and using the required AI Edge Applications for each camera, you can use the performance of AI without waste.



GO BEYOND TRADITIONAL ANALYTICS WITH INTELLIGENT SOLUTIONS FROM i-PRO

In today's environment, more users are looking to actively manage large surveillance systems. As these systems become more complex, i-PRO's intelligent analytics can help users by reducing the learning curve and system resources required to operate them. From improving the accuracy of alarms and notifications to reducing the overall system bandwidth and storage requirements, i-PRO Intelligent analytics has you covered.

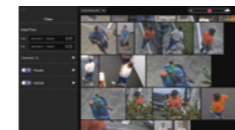
- Change your surveillance system from reactive to proactive and anticipate situations before they occur.
- i-PRO surveillance users can gain added sight awareness with intelligent analytics via scene analysis.
- Optimized feature solutions for schools, municipalities, and commercial facilities.
- i-PRO analytics may be deployed either at the edge or server level providing a flexible deployment.

ANALYTICS AT THE EDGE



AI-VMD/AI Counting

AI-VMD can identify between objects. The cameras actively read the scene and uniquely differentiate between cars, motorcycles, bicycles and people. Additionally, AI-VMD offers users intelligent functionality such as line-cross detection/counting, scene-change detection, loitering detection and directional detection.



AI People/Vehicle/Face Detection

These analytics allow you to detect people, vehicles, faces, and send the metadata and best images to the server. They are compatible with i-PRO Active Guard, a search function that quickly finds people or vehicles through the video management software, Video Insight and Genetec.



AI Scene Change Detection

Scene Change Detection is the first AI-based analytic application that provides easy on-site learning of a scene. When anomalies occur within the camera's field of view, an alert can be sent to security and operations teams. It's particularly good at an object left behind or illegal parking scenarios.



AI Sound Classification

AI Sound Classification allows you to detect suspicious sounds, such as gunshots, screaming, vehicle horns or glass breaking.

*External microphone is required



AI Privacy Guard

When deployed on i-PRO AI engine cameras, AI Privacy Guard protects the privacy of individuals within the scene by applying a mosaic over their face in real time.



AI Occupancy Detection

When deployed on an i-PRO AI engine camera, AI Occupancy Detection will be able to detect the crowd congestion and send the pop-up alarm notification.

Information of the number of people in the area can be output externally via HTTP or MQTT.



AI On-site Learning

AI On-site Learning allows to enhance AI analysis by adding target object and improving accuracy.

You can add customized objects to detect using on-site camera footage through simple learning process. In addition, it contributes to reduce missed/false alarms by training based on the past footage.



AI Processing Relay

AI processing relay enables to turn "non-AI camera" into "AI camera" without any re-installation costs.

It receives MJPEG data from non-AI cameras, performs AI processing with AI extension software, and performs alarm reception and image search with i-PRO Active Guard.



System Design Tool

The System Design Tool is a great tool that can be used on the web anytime, anywhere, greatly reducing the work required for system design.

Features and Benefits

- Interactive:
When the camera setting conditions are changed, the perception and size of the subject can be immediately simulated.
- Optimization:
The ideal camera placement and number can be calculated while confirming the overlap in the recording range between cameras.
- Accessible:
Data saved as a project can be accessed from the web at any time.
- Utilization:
Saved device lists and results of storage calculation can be exported in CSV format and utilized for proposal data.

<https://i-pro.com/global/en/surveillance/tools/sdt>



Recorder Calculation

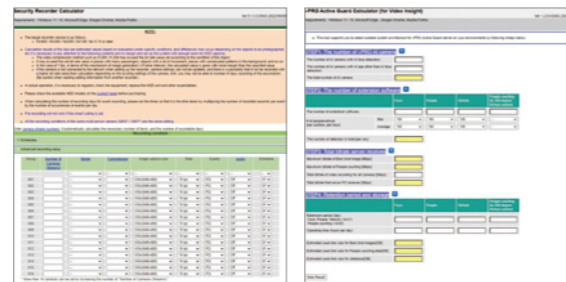
It is possible to estimate the number of recorders and necessary options that can be used according to the number of cameras, network bandwidth, and number of recording days.

Estimate condition			
Number of units	HDD capacity	Recording days (Recording group)	HDMI output
Automatic	2TB	150 days	Yes

Result			
Bandwidth	Data Size		
12.25 Mbps	21.97 TB		
Model	MAIN	EXT	HDD (MAIN / EXT)
VJ-NX400K	1	VJ-NX4400	1
		Group01	9 2
		Group02	-- --
		Total	11
		Maximum recordable days (Same HDD / Same Unit / Max Config)	
		150 / 245 / 737 days	

System design calculators

Configuration of the recorder and i-PRO Active Guard software can be done with simple operations such as camera selection. Advanced knowledge and skills are not required.



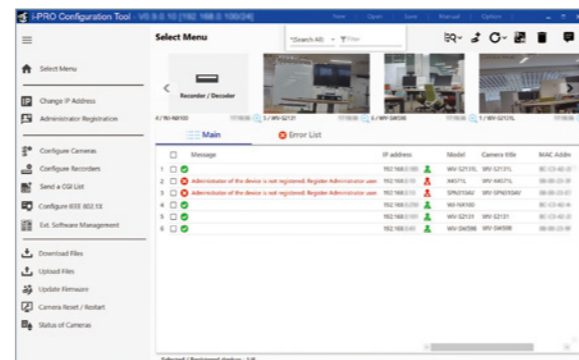
<https://i-pro.com/global/en/surveillance/tools/calculators>



i-PRO Configuration Tool (iCT)

i-PRO Configuration Tool is designed to efficiently configure the settings and maintenance of up to 1,024 i-PRO devices (network cameras, disk recorders, etc.) through a personal computer via a network.

<https://i-pro.com/global/en/surveillance/tools/ict>



Features and Benefits

- Camera batch settings for up to 1,024 multiple cameras
- Camera advanced settings with image stream viewing screen
- AI extension software batch installation and advanced settings
- Generation of devices settings report with camera view images
- Collective maintenance of devices, including automatic firmware updates

Related products of i-PRO Configuration Tool

- i-PRO Configuration Tool for Genetec/for Milestone
- i-PRO Configuration Tool for Tablet (Android/iOS)

i-PRO Mobile APP

Applications for Smartphone/Tablet PC

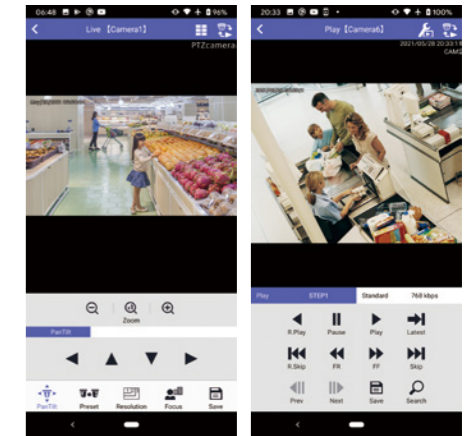
Overview

i-PRO Mobile APP is a smartphone application that can view the images of the following i-PRO devices.

- Network cameras
- Network interface units
- Digital disk recorders
- Network disk recorders

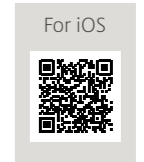
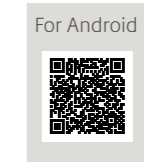
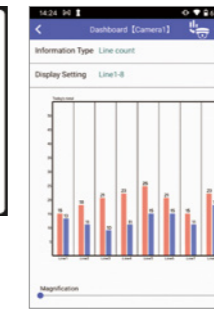
Please check the supported devices.

<https://i-pro.com/global/en/surveillance/products/i-pro-mobile-app>



Functions

- Check live video
- Control live video
- Play recorded video
- Download playback video
- Check statistics in a graph
- Alarm notification



i-PRO Product Selector

Overview

The Product Selector/Accessory Selector is a web/mobile application that can select by rich filters the model that meets your various needs from the i-PRO lineup of network cameras and accessories.

<https://i-pro.com/global/en/surveillance/productsselector>



*Product Selector on Web site will be renewed at the end of Nov.

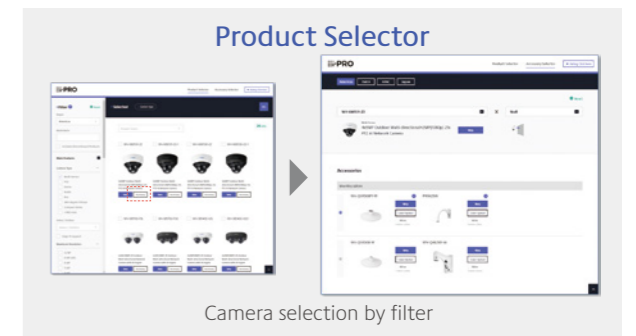
Accessory Selector working with Product Selector selection function

After selecting a camera that meets your requirements, you can easily select the accessories needed for installation by simply setting the installation location (wall, ceiling, pole, etc.).

Product Selector for smartphones

Camera/accessory search function

This application can be used to select the model that meets your needs from i-PRO network cameras and accessories.



Simple suggestion function (New)

Anyone can easily perform tasks from camera selection to proposal creation.

By simply taking a picture of the camera installation location and the angle of view to be captured by the camera with a smartphone and placing the camera icon on the MAP, the model compatible with the actual installation location is selected and the proposal results are displayed. Proposal results can also be sent to registered addresses by email.



	Multi-Sensor / Rapid PTZ	PTZ	Dome
Wall	<p>Direct mount</p> <p>S/U85*02-Z*</p> <p>S85*** QSR503-W</p> <p>X8653*-Z* QSR508-W QWL501-W</p> <p>S/U85*02-Z* QSR507-W</p> <p>S/U85*02-Z* QWL500-W QJB500-W *if needed</p> <p>S66*00-Z** QWL502-W</p> <p>S66*00-Z** QSR506-W QWL501-W</p>	<p>S65*4*-*** QSR504-W QWL501-W</p> <p>10x 21x</p> <p>U/S65*0*-Z** QWL501-W</p> <p>Outdoor Indoor</p> <p>U/S65300-ZY* U/S61300-ZY* QSR501-W</p> <p>10x 21x</p> <p>U/S65*0*-Z** QJB500-W *if needed</p> <p>U/S65300-ZY* U/S61300-ZY* QWL500-W</p> <p>U/S61*01-Z* QWL500-W</p> <p>U/S61*01-Z* QWD100C-W QWD100G-W</p> <p>S61302-Z* QWL100-W</p> <p>X6533LN / S6532LN Q122A</p>	<p>Direct mount</p> <p>U2***L* / U2***** / S21*** S2***L** / S2*****</p> <p>U21*2L* / U21***** / S21**</p> <p>X22***** / S22***** S22***L**</p> <p>X25***** / S25***** S25***L** / U25*2L*</p> <p>U21*0L* / U25*0L*</p> <p>U21*2L* / U21***** / S21**</p> <p>X22***** / S22***** S22***L**</p> <p>X25***** / S25***** S25***L** / U25*2L*</p> <p>U/S21** / U21***** / S22***L** *Except U2130/U2140</p> <p>QSR100-W</p> <p>X25***** / S25***** S25***L** / U25*2L*</p> <p>QSR505-W</p> <p>QWL500-W QJB500-W *if needed</p> <p>QWL500-W</p> <p>QSR501-W QWL501-W</p> <p>QSR501-W QWL501-W</p>
Pole / Corner	<p>FOR POLE</p> <p>Wall mount *Except direct mount QPL500-W</p> <p>FOR CORNER</p> <p>Wall mount *Except direct mount QCN500-W</p> <p>S66*00-Z** QWL502-W</p>	<p>FOR POLE</p> <p>Wall mount QPL500-W Q188</p> <p>FOR CORNER</p> <p>Wall mount QCN500-W Q189</p>	<p>FOR POLE</p> <p>Wall mount *Except direct mount QPL500-W</p> <p>FOR CORNER</p> <p>Wall mount *Except direct mount QCN500-W</p>
Ceiling	<p>Direct mount</p> <p>S85***</p> <p>S/U85*02-Z*</p> <p>X8653*-Z</p> <p>S857** S854** QJB503-W</p> <p>S857** S854** QJB503-W Q105A</p>	<p>Direct mount</p> <p>U/S6*00-Z** QCL500-W</p> <p>S65*4*-*** QCL500-W</p> <p>10x 21x</p> <p>U/S65*0*-Z** QJB504-W</p> <p>U/S65300-ZY* QJB501-W</p> <p>S61302-Z* Q105A</p> <p>U/S61*01-Z* Q105A</p> <p>U/S61*01-Z* QCD100C-W / QCD100G-W</p>	<p>Direct mount</p> <p>U2***L* / U2***** / S21*** S2***L** / S2*****</p> <p>X25***** / S25***** S25***L** / U25*2L*</p> <p>U21*0L* / U25*0L*</p> <p>U21*2L* / U21***** / S21** Q105A</p> <p>X22***** / S22***** S22***L**</p> <p>U21*0L* / U25*0L* Junction box (3rd party) QAT502-W</p> <p>X25***** / S25***** S25***L** / U25*2L*</p> <p>QJB501-W</p> <p>QJB502-W</p> <p>QJB504-W</p>

	Bullet / Box	Fisheye	Compact	mini
Wall	<p>Direct mount</p> <p>X15***L* / S15***L* / S15***L*</p> <p>U15**L*</p> <p>U15**L* QJB500-W *if needed</p>	<p>Direct mount</p> <p>S4***</p> <p>S45**L QJB500-W *if needed</p> <p>S41** QWL500-W</p> <p>S45**L QSR501-W</p>	<p>Direct mount</p> <p>X35x02-F2L* S35*02-F2L* S32*02-F2L*</p> <p>U35*01-F2L* / U31*01-F2L*</p> <p>X35x02-F2L* / S35*02-F2L* S32*02-F2L* QJB502A-W</p> <p>X35x02-F2L* S35*02-F2L* S32*02-F2L* QJB500-W *if needed</p> <p>U35*01-F2L* U31*01-F2L* QWL500-W</p>	
Pole / Corner	<p>FOR POLE</p> <p>Wall mount QPL500-W</p> <p>FOR CORNER</p> <p>Wall mount QCN500-W</p>	<p>FOR POLE</p> <p>Wall mount *Except direct mount QPL500-W</p> <p>FOR CORNER</p> <p>Wall mount *Except direct mount QCN500-W</p>	<p>FOR POLE</p> <p>Wall mount *Except direct mount QPL500-W</p> <p>FOR CORNER</p> <p>Wall mount *Except direct mount QCN500-W</p>	
Ceiling	<p>Direct mount</p> <p>X15***L* / S15***L* / S15***L*</p> <p>S11** *require lens sold separately</p> <p>U11*** / U11*****</p> <p>S11** *require lens sold separately</p> <p>U11*** / U11*****</p> <p>QCL102-W</p> <p>QLR100-W</p> <p>QLR100-W</p>	<p>Direct mount</p> <p>S4***</p> <p>S41** QCL102-W</p> <p>S41** QLR100-W</p> <p>S41** Q105A</p> <p>S45**L / S45**LM QJB501-W *Included in only S45**L</p> <p>S45**L / S45**LM QJB504-W</p>	<p>Direct mount</p> <p>X35x02-F2L* S35*02-F2L* S32*02-F2L*</p> <p>U35*01-F2L* / U31*01-F2L*</p> <p>X35x02-F2L* S35*02-F2L* S32*02-F2L* QJB502A-W</p> <p>X35x02-F2L* S35*02-F2L* S32*02-F2L* Junction box (3rd party) QAT502-W</p> <p>U35*01-F2L* U31*01-F2L*</p>	<p>S71300-F3 QCL102-W</p> <p>S71300-F3 QLR100-W</p>

	Multi-Sensor / Rapid PTZ	PTZ	Dome
Hanging	<p> S85*** QSR503-W X8653-Z QSR508-W QCL501-W S/U85*02-Z* QSR507-W S66*00-Z** QSR506-W QCL501-W S66*00-Z** QCL100-W(ISO) x2pcs QCL101-W(ANSI) x2pcs *require pipe sold separately *Indoor use only </p>	<p> S65*4-*** QSR504-W 10x 21x U/S65*0*-Z* QSR501-W QCL501-W Outdoor Indoor U/S65300-ZY* QSR501-W U/S61300-ZY* QSR501-W 10x 21x U/S65*0*-Z* Outdoor Indoor U/S65300-ZY* QCL100-W(ISO) x2pcs U/S61300-ZY* QCL101-W(ANSI) x2pcs *require pipe sold separately *Indoor use only U/S61*01-Z* QCL100-W(ISO) x2pcs QCL101-W(ANSI) x2pcs *require pipe sold separately *Indoor use only S61302-Z* X6533LN S6532LN Q121B </p>	<p> U21*2L*/U21***-***/S21** QSR501-W QCL501-W X22***-*** S22***-*** S22**L* QSR501-W QCL501-W X25***-*** S25***-*** S25**L**/U25*2L* U21*2L*/U21***-***/S21** X22***-*** S22***-*** S22**L* QCL100-W(ISO) x2pcs QCL101-W(ANSI) x2pcs *require pipe sold separately *Indoor use only X25***-*** S25***-*** S25**L**/U25*2L* QCL100-W(ISO) x2pcs QCL101-W(ANSI) x2pcs *require pipe sold separately *Indoor use only U21*0L* U25*0L* </p>
Embedded	<p> X8653-Z QEM506-W *Indoor use only S66*00-Z** QEM505-W </p>	<p> U/S65*0*-Z1 QEM503-W *Indoor use only U/S6530*-Z2 QEM504-W *Indoor use only S61302-Z* QEM101-W U/S61300-ZY QEM501-W *Indoor use only U/S65300-ZY QEM502-W *Indoor use only U/S61*01-Z* QED100C-W QED100G-W </p>	<p> U21*2L*/U21***-***/S21** QEM100-W X22***-*** S22***-*** S22**L* QEM500-W *Indoor use only X25***-*** S25***-*** S25**L**/U25*2L* QEM500-W *Indoor use only </p>

	Bullet / Box	Fisheye	Compact	mini
Hanging		<p> S45**L QSR501-W QCL501-W S41** QCL100-W(ISO) x2pcs QCL101-W(ANSI) x2pcs *require pipe sold separately </p>	<p> S35*02-F2L* S32*02-F2L* QCL100-W(ISO) x2pcs QCL101-W(ANSI) x2pcs *require pipe sold separately *Indoor use only U35*01-F2L* U31*01-F2L* </p>	
Embedded				

Model number structure

W V Q SR 5 0 3 F W

Product Type	Attachment	Serial	Option	Version	Color
EM : Embedded	AT : Attachment	M : Male screw (ISO)	M : Male screw (ANSI)	None, A, B	G : Gray
CL : Ceiling	CA : Cable	F : Female screw (ANSI)	F : Female screw (ISO)		S : Silver
WL : Wall	LR : Light Rail	C : Clear Dome	F1 : Female screw (ANSI)		B : Black
PL : Pole	CD : Ceiling Dome	G : Smoke Dome	C : Clear Dome		W : i-PRO white, White
CN : Corner	WD : Wall+Dome cover	S : Salt resistant	ED : Embedded+Dome cover		
SR : Shroud	ED : Embedded+Dome cover	N : ClearSight	DC : Dome cover		
JB : Junction Box Base cover	DC : Dome cover				

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Important

- Safety Precautions : Carefully read the Basic Information, Installation Guide and Operating Instructions before using this product.
- i-PRO Co., Ltd. cannot be held responsible for the performance of the network and/or other manufacturers' products used on the network.
- The same catalog is provided for all countries. Some accessories may not be available in some countries.

Security Cautions

- When using the products in this catalog, take appropriate measures to avoid the following security breaches:
 - Disclosure of private information via the products.
 - Unauthorized use of products by a third party.
 - Interference or suspension of use of products by third party.
 - All pictures are simulated.
 - Design and specifications are subject to change without notice.



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