i-PRO
The Power of Truth

SPRING
2023

PRODUCT LINEUP

i-PRO
The Power of Truth

i-PRO Americas Inc. was established on October 1, 2019, to provide comprehensive professional Security Surveillance, Public Safety and Medical Imaging solutions. Built on a history of innovation that spans over 60 years with Panasonic, we continue to expand our portfolio with advanced AI-driven software solutions to complement our renowned line of best-in-class imaging technologies and edge products.

Panasonic Legacy
- Over 60 years of innovation
- Global sales network
- Leadership in quality

i-PRO Originality
- Open partnership
- Quick and reliable
- Specialized in sensing solutions

SOLUTION	DEVICE / SERVICE	CORE TECHNOLOGY
■ Intelligent Surveillance Solution Business	■ Surveillance Camera Systems	■ Edge AI Technology
■ Law Enforcement Solution Business	■ Evidence & Investigation Support Systems	■ Open Platform
■ Industrial Medical Vision Solutions Business	■ Facial Recognition Systems	■ Cybersecurity
	■ Medical & Industrial Cameras	■ Product Reliability
	■ Image Analyzing Software	■ Reduced Bandwidth
	■ Cloud Imaging Services	■ Ease of Installation

i-PRO AMERICAS INC.

i-PRO provides industry-leading solutions to capture, record, manage and analyze surveillance video. We offer a comprehensive lineup of video surveillance products and solutions with the highest image quality, mission-critical reliability and the lowest total cost of ownership in the industry. Our goal at i-PRO is simple: to make your life easier. We have re-engineered our hardware and software into a plug-and-play platform that delivers enhanced point-to-point data security and enterprise-level management all wrapped in powerful, intuitive applications.

KEY OFFERINGS BY i-PRO PRODUCTS

RELIABILITY
More than just meeting industry standards

DATA SECURITY
Preparing for the threat of cyber attacks

DATA COMPRESSION
Reduced load of network and data storage cost

DATA ANALYTICS
Efficient reduction of system load by edge and cloud

IMAGE QUALITY
Capturing evidence under extreme environment

CONTENTS

i-PRO CORE TECHNOLOGIES

Edge AI Technology 5
Open Platform 5
Cybersecurity 6
Product Reliability 6
Reduced Bandwidth 7
Ease of Installation 7

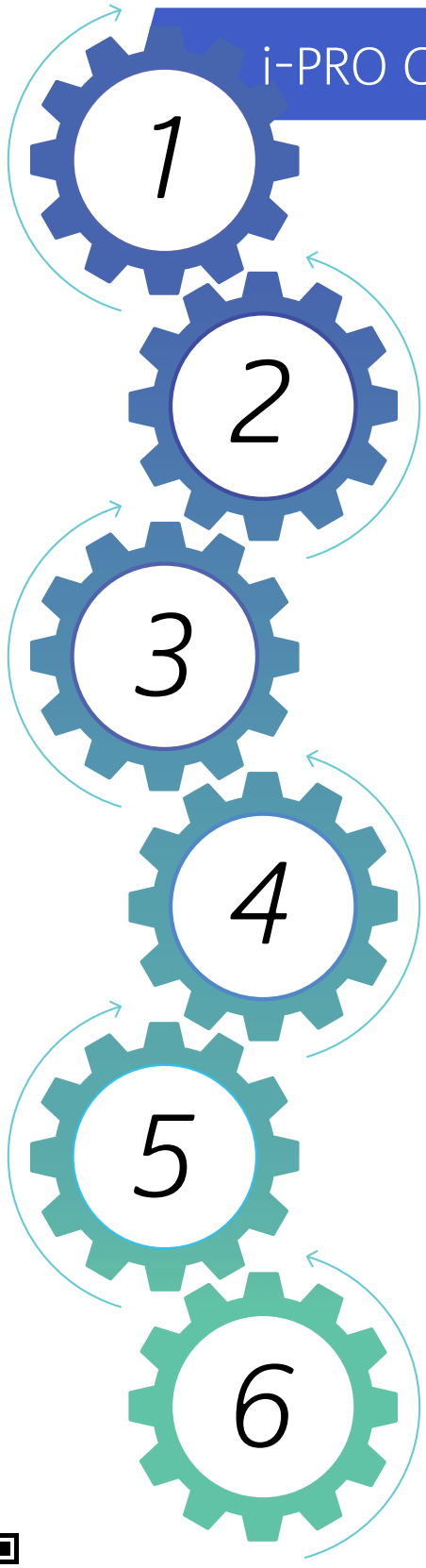
i-PRO PRODUCTS

i-PRO Product Selector 8
Outdoor PTZ Cameras 9
Indoor PTZ Cameras 10
Multi-sensor Cameras 11
Dual Sensor Cameras 12
Outdoor Dome Cameras 12
Indoor Vandal Dome Cameras 13
Indoor Dome Cameras 14
Compact Cameras 14
Fisheye Cameras 15
Bullet Cameras 15
Box Cameras 16
Advidia 17
NVRs NX400 / NX300 18
NVR With Built-in PoE 19
i-PRO NVR Management Software 20
i-PRO Mobile App 20
Accessories 21
i-PRO Active Guard 22
Edge AI Analytics 23
Video Insight 24
VI – Integration and Analytics 25
System Design Tool 26
i-PRO Configuration Tool (iCT) 26
Model Number Format 27

i-PRO ACCESSORY CHART

Multi-directional + PTZ CAMERAS 28
Outdoor PTZ Cameras 28
Indoor PTZ Cameras 30
Multi-sensor Cameras 30
Dual-sensor Cameras 31
Outdoor Dome Cameras 31
Indoor Dome Cameras 32
Compact Dome Cameras 32
On-vehicle Camera 33
Fisheye Cameras 33
Outdoor Bullet Cameras 34
Indoor Box Cameras 34
Advidia Accessories 35

i-PRO CORE TECHNOLOGY



Edge AI Technology
- Wide variety of AI camera models
- Computer vision chip architecture
- Maximizes system performance

Open Platform
- Integrates into leading VMS
- Supports technology partner applications
- Provides development support with SDK/API

Cybersecurity
- NDAA compliant
- Built-in cyber security features
- FIPS 140-2 Level 3 certified secure element
- Pre-installed certificates

Product Reliability
- Environmental durability
- Designed for less maintenance

Reduced Bandwidth
- AI Smart coding
- AI-based optimization
- 3D noise reduction

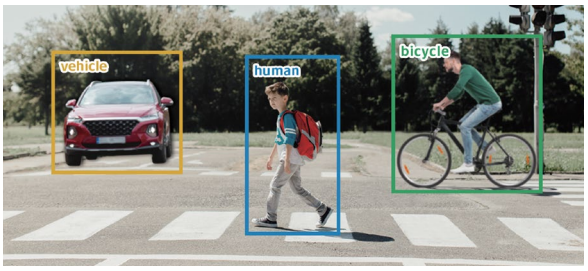
Ease of Installation
- Camera design optimized for easy installation
- Installation tools
- Pre-configured with easy kitting

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

Edge AI Technology

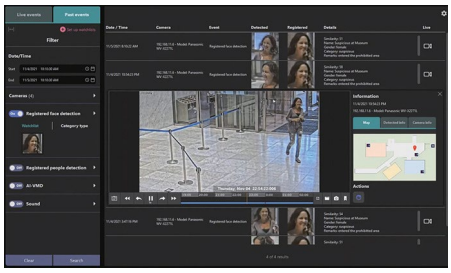
i-PRO Edge AI Cameras

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 find a specific object quickly based on the metadata information from i-PRO Edge AI cameras.

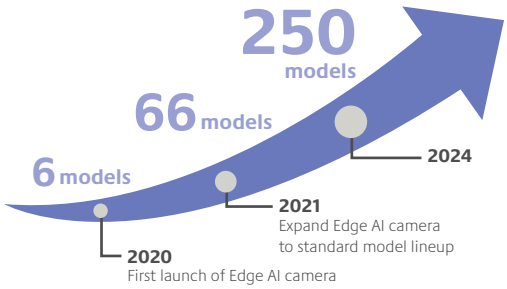


Computer Vision Chip Architecture

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

Wide Variety of Edge AI Cameras

Since 2020, i-PRO keeps expanding the product lineup of Edge AI-capable cameras and will grow to 250 models by 2024.



Open Platform

Integration With Leading VMS

i-PRO network cameras are well-integrated with leading VMS software, and i-PRO Active Guard is 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.

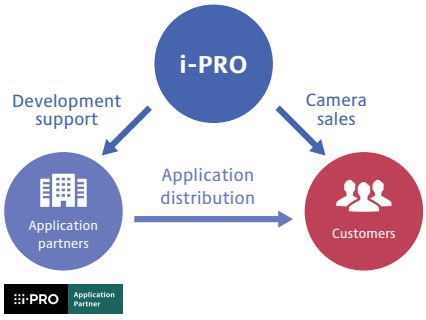
A.I. Tech
The Vision of the future. Now.

SECURITHINGS
MANAGING IoT OPERATIONS AT SCALE

VAXTOR

Provides Development Support With Free SDK/API

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



Cybersecurity

Built-in Cybersecurity Features

i-PRO cameras are designed and built with trust, safety and security in mind. We take cybersecurity 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 a third-party certificate authority. Data is encrypted by SSL with a pre-installed certified key and will not allow any snooping and alteration.

FIPS 140-2 Level 3 Certified Secure Element

The Federal Information Processing Standards (FIPS) are standards and guidelines for federal computer systems that are developed by the National Institute of Standards and Technology (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.

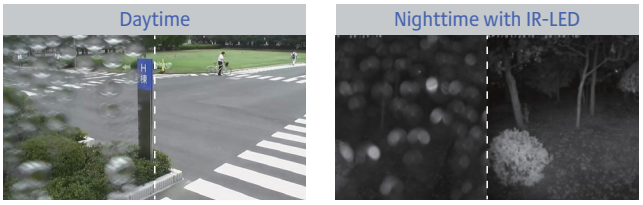
Product Reliability

IK10 Vandal Resistant

Vandal resistant is one of the most important feature of security cameras. IK10 is the highest rating for vandal resistant. All i-PRO exterior cameras comply with the IK10 rating for protection from physical damage for security cameras.

ClearSight Coating

Our ClearSight coating repels water drops on the dome cover when raining. This will provide a clear image in daytime and nighttime.



Non-coated ClearSight coated Non-coated ClearSight coated

Anti-Condensation System

A built-in dehumidifier system avoids a condensation on the dome cover by reducing the internal humidity.

High Durability Mechanism for PTZ Cameras

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

Salt Damage Resistant

Salt resistant models with special coating on the camera body and screws will work and not corrode even in salty air conditions.

Built-in Heater (selected models)

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

*Available only with select models

Reduced Bandwidth

AI Smart Coding

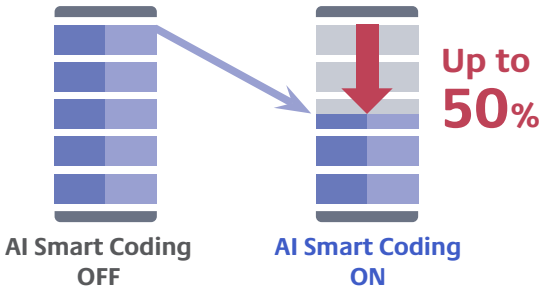
i-PRO Edge AI Cameras will detect people and vehicles and optimize the encoding parameters to reduce the bandwidth.

Bitrates of tree area are suppressed even when 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.



Ease of Installation

Cameras Designed for Easier Installation

i-PRO multi-sensor cameras are the industry's thinnest design and blends in seamlessly with the environment. The hooking structure and light weight make them easy to install.

Supports USB Wi-Fi Adapter (select models)

With a Wi-Fi USB dongle, i-PRO cameras can be accessed via smartphones without connecting a camera to a PC or analog monitor. The angle of view and focus can be adjusted easily.

*Wi-Fi USB dongle needs to be obtained locally. .

*WV-S71xxx, WV-S85xx

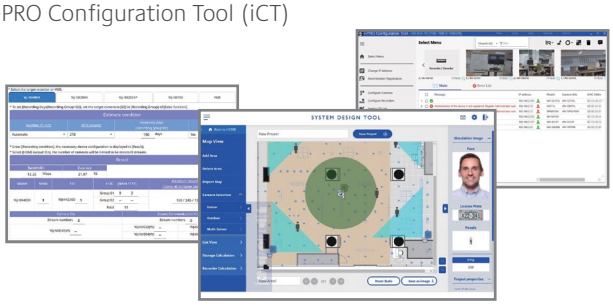
Easy Kitting Package

i-PRO's easy kitting package allows a camera to be configured quickly without removing from its box.

Installation Tools

i-PRO provides useful installation tools to support system design and configuration.

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



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. All i-PRO cameras include a license for VI MonitorPlus VMS software and are backed by a five-year warranty.

5 YEAR WARRANTY

AI

PRIORITY ADVANCE EXCHANGE

Note: Gold and Diamond Partners receive advanced replacement units.

ADVIDIA NETWORK CAMERAS

The Advidia line of IP network video surveillance cameras provides a wide range of affordable IP camera models that are perfect for video surveillance projects of any size. Each Advidia camera comes bundled with a free copy of Video Insight Enterprise Video Management Software, a four-year warranty and FREE software updates for the life of the camera.

4 YEAR WARRANTY

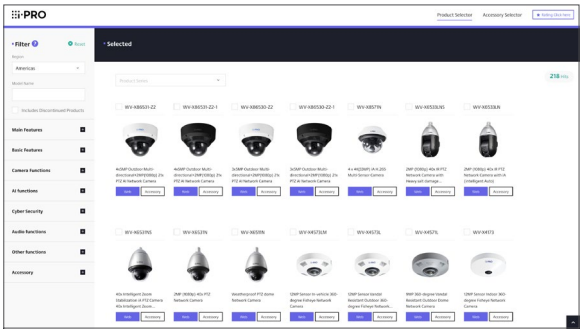
PRIORITY ADVANCE EXCHANGE

i-PRO Product Selector

Overview

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

The Accessory Selector works with the Product Selector's 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.).



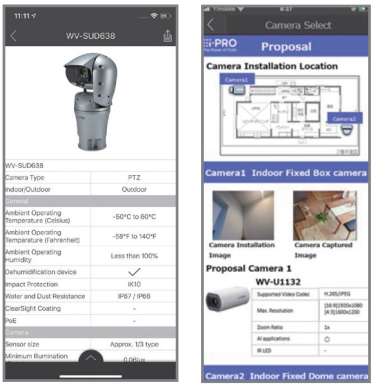
https://i-pro.com/selector/product/

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.



Specifications are subject to change without notice.

OUTDOOR PTZ CAMERAS

MODEL#	WV-X86531-Z2 (Z2-1) WV-X86530-Z2 (Z2-1)	WV-X6533LN	WV-S6532LN	WV-SUD638
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	PTZ: 2MP Multi: 5MP x4 WV-S86531 5MP x3 WV-S86530	2MP	2MP	2MP
Analytics	Edge AI / Auto tracking	i-VMD / Auto tracking	i-VMD / Auto tracking	Auto Tracking
Sensor	PTZ: 1/2.8" CMOS Multi: 1/2.7" CMOS	1/2.8" CMOS	1/2.8 CMOS	1/3" CMOS
Focal Length / F-number	PTZ: 4.0 to 84.6 mm, F1.6 Multi: 3.2 mm, F2.0	4.25 to 170 mm, F1.6	4.25 to 95 mm, F1.6	4.3 to 129 mm, F1.6
Optical Zoom	PTZ: 21x, Motorized Multi: -	40x, Motorized	22x, Motorized	30x, Motorized
Horizontal Angle of View (16:9)	PTZ: 3.7° to 77° / Endless pan Multi: 97° /lens	1.9° to 66° / Endless pan	3.4° to 66° / Endless 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)	PTZ: 0.011 lx / 0.006 lx Multi: 0.12 lx / 0.10 lx	0.015 lx / 0 lx	0.015 lx / 0 lx	0.06 lx / 0 lx
WDR [Dynamic Range]	PTZ: Yes [144dB] Multi: Yes [108dB]	Yes [144dB]	Yes [144dB]	Yes [105dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding	H.264 Smart Coding
Max. fps @Max. Resolution	PTZ: 60 fps Multi: 15 fps	60 fps	60 fps	60 fps
Audio (In / Out / Built-in MIC)	Yes [*2]/ Yes [*2] / —	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —
External I/O	Yes [*2]	Yes	Yes	Yes
SD Memory Card Slot	microSDXC	SDXC	SDXC	—
Weather / Vandal Resistant	IP67, IP66 / IK10	IP66 / IK10	IP66 / IK10	IP67, IP66 / IK10
Operating Temperature	-40°F to +140°F (60W PoE/24V AC)	-58°F to +140°F (60W PoE/24V AC)	-40°F to +140°F (60W PoE/24V AC)	-58°F to +140°F
Power Source / Consumption	PoE++ 35.6 W	60W PoE / PoE+ / 24V AC 50W (60W PoE)	60W PoE / PoE+ / 24V AC 50W (60W PoE)	60W PoE / 100 to 240V AC 51W (60W PoE)
Other	FIPS 140-2 LV3 [*1], NEMA TS2, Black (Z2-1)	ClearSight, Defroster	ClearSight, Defroster	Built-in wiper, Defroster, Salt resistant ISO14993, Wind load durability 135 mph
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS

OUTDOOR PTZ CAMERAS

MODEL#	WV-S65340-Z4N (Z4G) (Z4N1) (Z4K)	WV-S65340-Z2N (Z2G) (Z2N1) (Z2K)	WV-S65302-Z2 (Z2G) (Z2-1)	WV-U65302-Z2 (Z2G)
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	2MP	2MP	2MP	2MP
Analytics	Edge AI / Auto tracking	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
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	4.0 to 84.6 mm, F1.6
Optical Zoom	40x, Motorized	21x, Motorized	21x, Motorized	21x, Motorized
Horizontal Angle of View (16:9)	2.1° to 65° / Endless pan	3.7° to 77° / 0-350 Pan	3.7° to 77° / Endless pan	3.7° to 77° / Endless pan
Built-in IR-LED	—	—	—	—
Min. Illumination (Color / B&W)	0.015 lx / 0.006 lx	0.015lx / 0.006 lx	0.011 lx / 0.006 lx	0.011 lx / 0.006 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 [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —
External I/O	Yes	Yes	Yes [*2]	Yes [*2]
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP67, IP66 / IK10	IP67, IP66 / IK10	IP66 / IK10	IP66 / IK10
Operating Temperature	-58°F to +140°F (PoE++/24V AC)	-58°F to +140°F (PoE++/24V AC)	-22°F to +131°F	-22°F to +131°F
Power Source / Consumption	PoE++ / PoE+ / 24V AC 51W (PoE++)	PoE++ / PoE+ / 24V AC 51W (PoE++)	PoE+ / 12V DC [*2] 18.4W (PoE+)	PoE+ / 12V DC [*2] 18.4W (PoE+)
Other	FIPS 140-2 LV3 [*1], NEMA TS2, Re-paintable, ClearSight (Z4N, Z4N1, Z4K),Smoke dome (Z4G), Black (Z4N1),Salt resistant (Z4K)	FIPS 140-2 LV3 [*1], NEMA TS2, Re-paintable, ClearSight (Z2N, Z2N1, Z2K),Smoke dome (Z2G), Black (Z2N1), Salt resistant (Z4K)	FIPS 140-2 LV3 [*1], NEMA TS2, Re-paintable,Smoke dome (Z2G), Black (Z2-1)	FIPS 140-2 LV3 [*1], NEMA TS2,Re-paintable, Smoke dome (Z2G)
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS

[*1] FIPS 140-2 level3-certified hardware is installed. [*2] Option cable WV-QCA501A is needed.

OUTDOOR PTZ CAMERAS

MODEL#	WV-S65501-Z1 (Z1G)	WV-S65301-Z1 (Z1G) (Z1-1) (Z1S)	WV-U65301-Z1 (Z1G)	WV-S65300-ZY (ZYG)	WV-U65300-ZY (ZYG)
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	5MP	2MP	2MP	2MP	2MP
Analytics	Edge AI / Auto tracking	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	1/2.8" CMOS
Focal Length / F-number	4.7 to 47.0 mm, F1.6	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	10x, Motorized	3.1x, Motorized	3.1x, Motorized
Horizontal Angle of View (16:9)	6° to 57° / Endless pan	6.7° to 62° / Endless pan	6.7° to 62° / Endless pan	36° to 113° / 0-350 pan	36° to 113° / 0-350 pan
Built-in IR-LED	—	—	—	—	—
Min. Illumination (Color / B&W)	0.08 lx / 0.017 lx	0.011 lx / 0.006 lx	0.011 lx / 0.006 lx	0.007 lx / 0.004 lx	0.007 lx / 0.004 lx
WDR [Dynamic Range]	Yes [132dB]	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	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 [*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	-22°F to +131°F	-22°F to +131°F	-22°F to +131°F	-22°F to +131°F	-22°F to +131°F
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] 12W (PoE)	PoE / 12V DC [*2] 12W (PoE)
Other	FIPS 140-2 LV3 [*1], NEMA TS2, Re-paintable, Smoke dome (Z1G)	FIPS 140-2 LV3 [*1], NEMA TS2, Re-paintable, Smoke dome (Z1G), Black (Z1-1), Salt resistant (Z1S)	FIPS 140-2 LV3 [*1], NEMA TS2, Re-paintable, Smoke dome (Z1G)	FIPS 140-2 LV3 [*1], NEMA TS2, Re-paintable, Smoke dome (ZYG)	FIPS 140-2 LV3 [*1], NEMA TS2, Re-paintable, Smoke dome (ZYG)
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS	BRACKETS

INDOOR PTZ CAMERAS

MODEL#	WV-S61302-Z4	WV-S61301-Z2	WV-U61301-Z2
Environmental Type	Indoor	Indoor	Indoor
Resolution	2MP	2MP	2MP
Analytics	Edge AI / Auto tracking	Edge AI / Auto tracking	VMD
Sensor	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
Optical Zoom	40x, Motorized	21x, Motorized	21x, Motorized
Horizontal Angle of View (16:9)	2.1° to 65° / Endless pan	3.7° to 77° / 0-350 Pan	3.7° to 77° / 0-350 pan
Built-in IR-LED	—	—	—
Min. Illumination (Color / B&W)	0.011 lx / 0.006 lx	0.011 lx / 0.006 lx	0.011 lx / 0.006 lx
WDR [Dynamic Range]	Yes [144dB]	Yes [144dB]	Yes [144dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	60 fps	60 fps	60 fps
Audio (In / Out / Built-in MIC)	Yes / Yes / —	Yes / Yes / —	Yes / Yes / —
External I/O	Yes	Yes	Yes
SD Memory Card Slot	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	— / —	— / —	— / —
Operating Temperature	+14°F to +122°F	+14°F to +122°F	+14°F to +122°F
Power Source / Consumption	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]
Bracket Chart	BRACKETS	BRACKETS	BRACKETS

[*1] FIPS 140-2 level3-certified hardware is installed. [*2] Option cable WV-QCA501A is needed.

INDOOR PTZ CAMERAS

MODEL#	WV-S61501 -Z1	WV-S61301-Z1	WV-U61301-Z1	WV-S61300-ZY (ZYG)	WV-U61300-ZY (ZYG)
Environmental Type	Indoor	Indoor	Indoor	Indoor	Indoor
Resolution	5MP	2MP	2MP	2MP	2MP
Analytics	Edge AI / Auto tracking	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	1/2.8" CMOS
Focal Length / F-number	4.7 to 47.0 mm, F1.6	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	10x, Motorized	3.1x, Motorized	3.1x, Motorized
Horizontal Angle of View (16:9)	6° to 57° / 0-350 pan	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)	0.08 lx / 0.017 lx	0.011 lx / 0.006 lx	0.011 lx / 0.006 lx	0.007 lx / 0.004 lx	0.007 lx / 0.004 lx
WDR [Dynamic Range]	Yes [132dB]	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	H.265 Smart Coding
Max. fps @Max. Resolution	30 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	microSDXC	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	— / —	— / —	— / —	— / —	— / —
Operating Temperature	+14°F to +122°F	+14°F to +122°F	+14°F to +122°F	+14°F to +122°F	+14°F to +122°F
Power Source / Consumption	PoE / 12V DC 12.95W (PoE)	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]	FIPS 140-2 LV3 [*1], Smoke dome (ZYG)	FIPS 140-2 LV3 [*1], Smoke dome (ZYG)
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS	BRACKETS

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, F1.4	3.1 mm, F1.4	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°F to +140°F	-40°F to +140°F	-40°F to +140°F	-40°F to +140°F
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
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS

[*1] FIPS 140-2 level3-certified hardware is installed. [*2] Option cable WV-QCA501A is needed.

DUAL SENSOR CAMERAS

MODEL#	WV-S85702-F3L (F3L1)	WV-S85402-V2L (V2L1)	WV-U85402-V2L (V2L1)
Environmental Type	Outdoor	Outdoor	Outdoor
Resolution	8MP(4K) x2	4MP x2	4MP x2
Analytics	Edge AI	Edge AI	VMD
Sensor	1/2.8" CMOS	1/2.7" CMOS	1/2.7" CMOS
Focal Length / F-number	3.1 mm, F1.4	2.9 to 7.3 mm, F2.0	2.9 to 7.3 mm, F2.0
Optical Zoom	—	2.5x, Motorized	2.5x, Motorized
Horizontal Angle of View (16:9)	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)	0.084 lx / 0 lx	0.21 lx / 0 lx	0.21 lx / 0 lx
WDR [Dynamic Range]	Yes [120dB]	Yes [108dB]	Yes [108dB]
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	15 fps	30 fps	30 fps
Audio (In / Out / Built-in MIC)	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —	Yes [*2] / Yes [*2] / —
External I/O	Yes [*2]	Yes [*2]	Yes [*2]
SD Memory Card Slot	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP67, IP66 / IK10	IP67, IP66 / IK10	IP67, IP66 / IK10
Operating Temperature	-40°F to +140°F	-40°F to +140°F	-40°F to +140°F
Power Source / Consumption	PoE+ 18.9W	PoE+ 22.2W	PoE+ 18.9W
Other	FIPS 140-2 LV3 [*1], Black (F3L1)	FIPS 140-2 LV3 [*1], Black (V2L1)	FIPS 140-2 LV3 [*1], Black (V2L1)
Bracket Chart	BRACKETS	BRACKETS	BRACKETS

OUTDOOR DOME CAMERAS

MODEL#	WV-S25700-V2LN (V2LG) (V2LN1)	WV-S25600-V2LN (V2LG)	WV-S25500-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°F to +140°F	-40°F to +140°F	-40°F to +140°F	-40°F to +140°F	-40°F to +140°F
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
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS	BRACKETS

[*1] FIPS 140-2 level3-certified hardware is installed. [*2] Option cable WV-QCA501A is needed.

OUTDOOR DOME CAMERAS

MODEL#	WV-U2542LA	WV-U2540LA	WV-S2536LN (LGN)	WV-S2536LTN	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	3.16 mm, F2.0	2.9 to 9mm, F1.3	9 to 21mm, F1.7	2.9 to 7.3 mm, F2.0	3.16 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	-22°F to +122°F	-22°F to +122°F	-40°F to +140°F	-40°F to +140°F	-22°F to +122°F	-22°F to +122°F
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	—	—	ClearSight, Smoke dome (LGN), Re-paintable	ClearSight, Re-paintable	—	—
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS	BRACKETS	BRACKETS

[*1] FIPS 140-2 level3-certified hardware is installed. [*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-S2236L (LG) (L-B) (LG-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	-40°F to 122°F	-40°F to 122°F	-40°F to 122°F	-40°F to 122°F	-40°F to 122°F	+14°F to +122°F
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	Smoke dome (LG) (LG-B), Black (L-B) (LG-B) / Re-paintable
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS	BRACKETS	BRACKETS

[*1] FIPS 140-2 level3-certified hardware is installed.

INDOOR DOME CAMERAS

MODEL#	WV-U2142LA	WV-U2140LA	WV-S2136L (LG) (L-B) (LG-B)	WV-U2132LA	WV-U2130LA
Environmental Type	Indoor	Indoor	Indoor	Indoor	Indoor
Resolution	4MP	4MP	2MP	2MP	2MP
Analytics	VMD	VMD	Edge AI	VMD	VMD
Sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.8" MOS	1/3" CMOS	1/3" CMOS
Focal Length / F-number	2.9 to 7.3 mm, F2.0	3.16 mm, F2.0	2.9 to 9mm, F1.3	2.9 to 7.3 mm, F2.0	3.16 mm, F2.0
Optical Zoom	2.5x, Motorized	—	3.1x, Motorized	2.5x, Motorized	—
Horizontal Angle of View (16:9)	44° to 102°	100°	36° to 115°	42° to 97°	97°
Built-in IR-LED	65 ft. / 20 m	65 ft. / 20 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	0.1 lx / 0 lx	0.1 lx / 0 lx
WDR [Dynamic Range]	Yes [102dB]	Yes [102dB]	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
Max. fps @Max. Resolution	30 fps	30 fps	60 fps	30 fps	30 fps
Audio (In / Out / Built-in MIC)	— / — / —	— / — / —	Yes / Yes / —	— / — / —	— / — / —
External I/O	—	—	Yes	—	—
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	— / —	— / —	— / —	— / —	— / —
Operating Temperature	+14°F to +122°F	+14°F to +122°F	+14°F to +122°F	+14°F to +122°F	+14°F to +122°F
Power Source / Consumption	PoE 6.5W	PoE 5.3W	PoE / 12V DC 8.7W (PoE)	PoE 5.8W	PoE 4.8W
Other	—	—	Smoke dome (LG) (LG-B), Black (L-B) (LG-B), Re-paintable	—	—
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS	BRACKETS

COMPACT CAMERAS

MODEL#	WV-S3531L WV-S3532LM	WV-S3511L WV-S3512LM	WV-SBV131M	WV-S71300-F3	WV-S3131L WV-S3111L
Environmental Type	Outdoor	Outdoor	Outdoor	Indoor	Indoor
Resolution	2MP	720P	2MP	2MP	2MP (S3131L) 720P (S3111L)
Analytics	i-VMD	i-VMD	VMD	Edge AI	i-VMD
Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/2.8" MOS	1/3" CMOS
Focal Length / F-number	2.8 mm, F2.3	2.8 mm, F2.3	1.95 mm, F2.2	3.2mm, F2.0	2.8 mm, F2.3
Optical Zoom	—	—	—	—	—
Horizontal Angle of View (16:9)	108°	97°	109°	81.1°	108° (S3131L) 97° (S3111L)
Built-in IR-LED	49 ft. / 15 m	49 ft. / 15 m	—	—	49 ft. / 15 m
Min. Illumination (Color / B&W)	0.03 lx / 0 lx	0.02 lx / 0 lx	0.1 lx / 0.06 lx	0.3 lx / 0.2 lx	0.03 lx / 0 lx (S3131L) 0.02 lx / 0 lx (S3111L)
WDR [Dynamic Range]	Yes [144dB]	Yes [134dB]	Yes	—	Yes [144dB] (S3131L) Yes [134dB] (S3111L)
Video Codec	H.265 Smart Coding	H.265 Smart Coding	H.264 Smart Coding	H.265 Smart Coding	H.265 Smart Coding
Max. fps @Max. Resolution	60 fps	60 fps	30 fps	30 fps	60 fps
Audio (In / Out / Built-in MIC)	— / — / Yes	— / — / Yes	— / — / —	— / — / Yes	— / — / Yes
External I/O	—	—	—	—	—
SD Memory Card Slot	microSDXC	microSDXC	SDXC	microSDXC	microSDXC
Weather / Vandal Resistant	IP66 / IK10	IP66 / IK10	IP6K9K, IP66 / IK10	IP44 / —	— / —
Operating Temperature	-22°F to +122°F (S3531L) -40°F to +140°F (S3532LM)	-22°F to +122°F (S3511L) -40°F to +140°F (S3512LM)	-40°F to +140°F	+14°F to +104°F	+32°F to +104°F
Power Source / Consumption	PoE 3.8W	PoE 3.8W	PoE 3.8W	PoE / USB Type-C 9.6W (PoE)	PoE 3.8W
Other	Re-paintable, Railway standards (EN45545/ EN50155) /M12 connector (WV-S3532LM)	Re-paintable, Railway standards (EN45545/ EN50155) /M12 connector (WV-S3512LM)	MIL-STD-810G, Railway standards (EN45545/EN50155) / M12 connector	USB I/F for setting thru Wi-Fi	Re-paintable
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS	BRACKETS

FISHEYE CAMERAS

MODEL#	WV-S4576L WV-S4576LM	WV-S4556L WV-S4556LM	WV-S4176	WV-S4156
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°F to +140°F	-40°F to +140°F	-40°F to +122°F	-40°F to +122°F
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	Re-paintable, Railway Application/ M12 connector (S4576LM)	Re-paintable, Railway Application/ M12 connector (S4556LM)	—	—
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS

BULLET CAMERAS

MODEL#	WV-S15700-V2LN (V2LK)	WV-S15600-V2LN	WV-S15500-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°F to +140°F	-40°F to +140°F	-40°F to +140°F	-40°F to +140°F	-40°F to +140°F
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, Re-paintable, Salt resistant (V2LK)	FIPS 140-2 LV3 [*1], ClearSight, Re-paintable	FIPS 140-2 LV3 [*1], ClearSight, Black (V3LN1) / Re-paintable, Salt resistant (V3LK)	FIPS 140-2 LV3 [*1], Re-paintable	FIPS 140-2 LV3 [*1], Re-paintable
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS	BRACKETS

[*1] FIPS 140-2 level3-certified hardware is installed. [*2] Option cable WV-QCA501A is needed.

BULLET CAMERAS

MODEL#	WV-U1542LA	WV-S1536LN (LN-B) (LNS)	WV-S1536LTN	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	98 ft. / 30 m
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 [144B]	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	-22°F to +122°F	-40°F to +140°F	-40°F to +140°F	-22°F to +122°F
Power Source / Consumption	PoE 7.2W	PoE / 12V DC [*2] 9.1W (PoE)	PoE / 12V DC [*2] 10.6W (PoE)	PoE 6.7W
Other	—	ClearSight, Black (LN-B) / Re-paintable, Salt Resistant(LNS)	ClearSight, Re-paintable	—
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS

BOX CAMERAS

MODEL#	WV-U1142A	WV-S1136	WV-U1132A	WV-U1130A
Environmental Type	Indoor	Indoor	Indoor	Indoor
Resolution	4MP	2MP	2MP	2MP
Analytics	VMD	Edge AI	VMD	VMD
Sensor	1/2.7" CMOS	1/2.8" MOS	1/3" CMOS	1/3" CMOS
Focal Length / F-number	2.9 to 7.3 mm, F2.0	CS Mount *Lens is not included	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)	44° to 103°	—	43° to 100°	100°
Built-in IR-LED	—	—	—	—
Min. Illumination (Color / B&W)	0.3 lx / 0.12 lx	0.008 lx / 0.004 lx @F1.2	0.1 lx / 0.04 lx	0.1 lx / 0.04 lx
WDR [Dynamic Range]	Yes [102dB]	Yes [144B]	Yes [120dB]	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	30 fps	30 fps
Audio (In / Out / Built-in MIC)	— / — / —	Yes / Yes / —	— / — / —	— / — / —
External I/O	—	Yes	—	—
SD Memory Card Slot	microSDXC	microSDXC	microSDXC	microSDXC
Weather / Vandal Resistant	— / —	— / —	— / —	— / —
Operating Temperature	+14°F to +122°F	+14°F to +122°F	+14°F to +122°F	+14°F to +122°F
Power Source / Consumption	PoE 4.8W	PoE / 12V DC 6.3W (PoE)	PoE 4.3W	PoE 3.8W
Other	—	—	—	—
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS

[*2] Option cable WV-QCA501A is needed.

ADVIDIA

MODEL#	M-200-P	M-87-V	M-46-F-V2	M-46-FW-V2	M-46-V
Environmental Type	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Resolution	2MP	8MP (4K)	4MP	4MP	4MP
Analytics	Yes	Yes	Yes	Yes	Yes
Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/3" CMOS
Focal Length / F-number	4.5 to 148.5mm, F1.5	2.8 to 12 mm, F1.6	4.0 mm, F1.6	2.8 mm, F1.6	2.8 to 12 mm
Optical Zoom	33x, Motorized	4.3x, Motorized	—	—	4.3x, Motorized
Horizontal Angle of View (16:9)	2.6° to 56.2° / Endless pan	29.2° to 107.4°	91.2°	112.9°	30.9° to 102.8°
Built-in IR-LED	492 ft. / 150 m	131 ft. / 40 m	98 ft. / 30 m	98 ft. / 30 m	131 ft. / 40 m
Min. Illumination (Color / B&W)	0.001 lx / 0 lx	0.003 lx / 0 lx	0.003 lx / 0 lx	0.003 lx / 0 lx	0.003 lx / 0 lx
WDR [Dynamic Range]	Yes [120dB]	Yes [120dB]	Yes [120dB]	Yes [120dB]	Yes [120dB]
Video Codec	H.265 / H.264 / JPEG	H.265 / H.264 / JPEG	H.265 / H.264 / JPEG	H.265 / H.264 / JPEG	H.265 / H.264 / JPEG
Max. fps @Max. Resolution	60 fps	20 fps	25 fps	25 fps	30 fps
Audio (In / Out / Built-in MIC)	Yes / Yes / —	Yes / Yes / Yes	— / — / Yes	— / — / Yes	— / — / Yes
External I/O	Yes	Yes	—	—	—
SD Memory Card Slot	microSDXC	microSDXC	microSD	microSD	microSDXC
Weather / Vandal Resistant	IP66 / —	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67 / IK10
Operating Temperature	-40°F to +149°F	-22°F to +140°F	-22°F to +140°F	-22°F to +140°F	-22°F to +140°F
Power Source / Consumption	High PoE / 24V AC / 24V DC 48W (High PoE)	PoE / 12V DC 9W (PoE)	PoE / 12V DC 4.5W	PoE / 12V DC 4.5W	PoE / 12V DC 7.5W
Other	High PoE injector included	—	—	—	—
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS	BRACKETS

ADVIDIA

MODEL#	M-44-V-T-V2	M-45-FW-V2	M-5360	M-89-F-L	M-49-V
Environmental Type	Outdoor	Indoor	Outdoor	Outdoor	Outdoor
Resolution	4MP	4MP	5MP	8MP (4K)	4MP
Analytics	Yes	Yes	Yes	Yes	Yes
Sensor	1/3" CMOS	1/2.7" CMOS	1/2.8" CMOS	1/2.7" CMOS	1/3" CMOS
Focal Length / F-number	2.8 to 12 mm	2.8 mm, F1.6	1.4 mm, F2.0	4.0 mm, F2.0	2.8 to 12 mm
Optical Zoom	4.3x, Motorized	—	—	—	4.3x, Motorized
Horizontal Angle of View (16:9)	30.9° to 102.8°	101.1°	360°	86.5°	30.9° to 102.8°
Built-in IR-LED	131 ft. / 40 m	98 ft. / 30 m	33 ft. / 10 m	98 ft. / 30 m	164 ft. / 50 m
Min. Illumination (Color / B&W)	0.003 lx / 0 lx	0.003 lx / 0 lx	0.01 lx / 0 lx	0.01 lx / 0 lx	0.003 lx / 0 lx
WDR [Dynamic Range]	Yes [120dB]	Yes [120dB]	Yes [120dB]	Yes [120dB]	Yes [120dB]
Video Codec	H.265 / H.264 / JPEG	H.265 / H.264 / JPEG	H.265 / H.264 / JPEG	H.265 / H.264 / JPEG	H.265 / H.264 / JPEG
Max. fps @Max. Resolution	25 fps	30 fps	30 fps	20 fps	30 fps
Audio (In / Out / Built-in MIC)	— / — / Yes	Yes / Yes / Yes	Yes / Yes / Yes	— / — / Yes	— / — / Yes
External I/O	—	Yes	Yes	—	—
SD Memory Card Slot	microSD	microSD	microSD	microSDXC	microSDXC
Weather / Vandal Resistant	IP67 / —	— / —	IP66 / IK10	IP67 / —	IP67 / —
Operating Temperature	-22°F to +140°F	-22°F to +131°F	-22°F to +140°F	-22°F to +140°F	-22°F to +140°F
Power Source / Consumption	PoE / 12V DC 8.0W	PoE / 12V DC 4.5W	PoE / 12V DC 8.5W	PoE / 12V DC 10.5W	PoE / 12V DC 8.5W
Other	—	—	—	—	—
Bracket Chart	BRACKETS	BRACKETS	BRACKETS	BRACKETS	BRACKETS

NVRs NX400 / NX300

NX400 / NX300 Series Features

- Secure high-bandwidth recording
- PC-less surveillance solution
- High reliability and redundancy
- Scalable storage
- GlobalSign® certificates pre-installed

WJ-NX400 Recorder

WJ-NX300 Recorder

NVRs

MODEL#		WJ-NX400		WJ-NX300	WJ-HXE400
		NETWORK VIDEO RECORDERS			HDD Extension Unit
Video Compression		H.265 / H.264 / JPEG		H.265 / H.264 / JPEG	H.265 / H.264 / JPEG
Camera Channel	Default / Max	64 ch / 128 ch		16 ch / 32 ch	—
Video Throughput	Recording / Output	384 Mbps / 256 Mbps		256 Mbps / 256 Mbps	—
Max HDD		9 HDDs (Main Unit) 54 HDDs (with 5 x WJ-HXE400)		4 HDDs (Main Unit) 22 HDDs (with 2 x WJ-HXE400)	9 HDDs
RAID		RAID 1, 5, 6		RAID 1, 5, 6 [*1]	RAID 1, 5, 6
Monitor Output		1 x BNC, 2 x HDMI (1x 4K, 1x Full HD)		1 x BNC, 2 x HDMI (1x 4K, 1x Full HD)	—
Alarm Port		32 inputs / 4 outputs		9 inputs / 1 output	—
Simultaneous User Access		Max 16 users		Max 16 users	—
Network Interface		2 x 10BASE-T 100BASE-TX 1000BASE-T	1 x 10BASE-T 100BASE-TX (for Maintenance)	2 x 10BASE-T 100BASE-TX 1000BASE-T	—
Dimensions (inch)		(W) 16.94 x (H) 5.19 x (D) 16.25		(W) 16.57 x (H) 4.44 x (D) 14.57	(W) 16.94 x (H) 5.19 x (D) 16.25
Weight		25.4 lbs. (no HDD) / 44.2 lbs. (9 HDDs)		15.4 lbs. (no HDD)	24.3 lbs. (no HDD) / 43.0 lbs. (9 HDDs)
Model Number		**WJ-NX400/4000T4** 4TB Model (1 x 4TB HDD) **WJ-NX400/6000T6** 6TB Model (1 x 6TB HDD) **WJ-NX400/36000T4** 36TB Model (9 x 4TB HDD) **WJ-NX400/54000T6** 54TB Model (9 x 6TB HDD)		**WJ-NX300/4000T4** 4TB Model (1 x 4TB HDD) **WJ-NX300/6000T6** 6TB Model (1 x 6TB HDD)	**WJ-HXE400/4000T4** 4TB Model (1 x 4TB HDD) **WJ-HXE400/6000T6** 6TB Model (1 x 6TB HDD) **WJ-HXE400/36000T4** 36TB Model (9 x 4TB HDD) **WJ-HXE400/54000T6** 54TB Model (9 x 6TB HDD)

OPTIONAL ACCESSORIES

MODEL#		FOR WJ-NX400		FOR WJ-NX300		FOR WJ-HXE400	
HDD							
		4TB HDD **CANISTER/ 4000**	6TB HDD **CANISTER/ 6000**	4TB HDD **CANISTER NX300/T4**	6TB HDD **CANISTER NX300/T6**	4TB HDD **CANISTER/ 4000**	6TB HDD **CANISTER/ 6000**
Rack Mount Kit		(Included)		 Rack Mount Bracket **WV-Q202**		(Included)	
HDD Extension Unit		 HDD Extension Unit **WJ-HXE400**		 HDD Extension Unit **WJ-HXE400**		—	
Additional License	Additional Camera CH Kit	WJ-NXE40W (32 camera license)		WJ-NXE30W (8 camera license)		—	
	Secure Communication Kit	**WJ-NXS01W** (1 camera) / **WJ-NXS04W** (4 cameras) / **WJ-NXS16W** (16 cameras) / **WJ-NXS32W** (32 cameras)				—	
	RAID Kit	—		WJ-NXR30W [*1]		—	

[*1]: Additional RAID Kit WJ-NXR30W is necessary to activate RAID 1/5/6 features.

NVR With Built-in PoE 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

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

WJ-NU301 Recorder

WJ-NU101 / 201 / 300 Recorder

H.265 H.264 JPEG

NVR With Built-in PoE

MODEL#	WJ-NU101K	WJ-NU201K	WJ-NU300K	WJ-NU301K
	NVR With Built-In Poe			
Video Compression	H.265 / H.264 / JPEG			
Max Camera Channel	4 ch	8 ch	16 ch	16 ch
Video Throughput (Recording / Output)	48Mbps/48Mbps	64Mbps/64Mbps	128Mbps/128Mbps	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+) / 1 x 10BASE-T 100BASE-TX 1000BASE-T (RJ45)	8x 10BASE-T 100BASE-TX (RJ45, PoE+) / 1 x 10BASE-T 100BASE-TX 1000BASE-T (RJ45)	8x 10BASE-T 100BASE-TX (RJ45, PoE+) / 1 x 10BASE-T 100BASE-TX 1000BASE-T (RJ45)	16x 10BASE-T 100BASE-TX (RJ45, PoE+) / 1 x 10BASE-T 100BASE-TX 1000BASE-T (RJ45)
PoE Budget	4 port Total Max 47W Each port Max: 30W (PoE+)	8 port Total Max 106W Each port Max: 30W (PoE+)	8port Total Max 106W Each port Max: 30W (PoE+)	16port Total Max 233W Each port Max: 30W (PoE+)
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 (inches)	(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 /1 0.4 lbs

OPTIONAL ACCESSORIES

MODEL#	FOR WJ-NU101K	FOR WJ-NU201K	FOR WJ-NU300K	FOR WJ-NU301K
Vertical Mount				
		WV-QRM001		
Rack Mount				
		WV-QRM101		WV-QRM201
Wall Mount				
		WV-QRM201		

i-PRO NVR Management Software

i-PRO Management Software
WV-ASM300W

Extension Software
WV-ASE202W / WV-ASE203W / WV-ASE205W

Easy setting: New WV-ASM300W software allows for a complete 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).
- SSL and data encryption supports latest AES 256-bit key encryption.
- MP4 data direct download from WJ-NX400, NX300, NX200, NX100, NU101, NU201, NU300, and NU301.
- When used with WJ-NX400,NX300, NX200, NX100, NU101, NU201, NU300,NU301, and VMD, thumbnail search can be operated.
- When selecting the camera icon in the map window, a still image of the camera is overlaid.
- Includes live window, map window and operations window (3 monitors).
- Control using System Controller WV-CU980
- 3D Dewarp: Virtual PTZ operations for better operability and monitoring experience with fisheye camera.

*monitor displays are optional.

WV-ASE202W
- Expand the maximum number of screens to 64.
- Up to 4 live windows.
- Multi-monitor function using up to 6 PC monitors.
- Can 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 can be added.

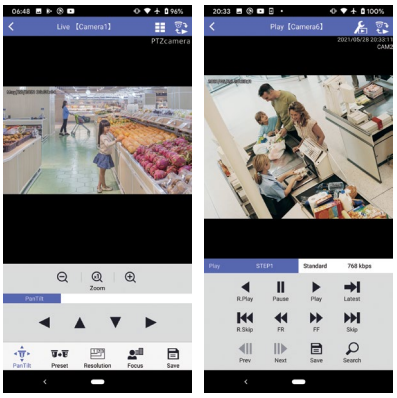
WV-ASE205W
- Visibility Enhancement Function.

Spatial Tonal Correction | Snowfall and Rainfall Noise Reduction | Multi-frame Synthesis Noise Reduction

i-PRO Mobile App

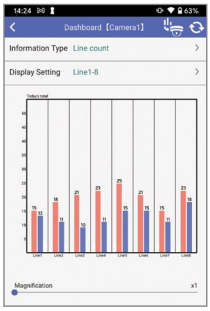
i-PRO Mobile APP is a smartphone application that can view the images of the following i-PRO devices.

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



Please check the supported devices.
https://i-pro.com/products_and_solutions/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



For Android

For iOS

i-PRO SD MEMORY CARDS

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

i-PRO MICRO SD MEMORY CARDS

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

MICROPHONE

	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
Power Input	100 to 240VAC
Max. Power Output	60W @ 14 to 104 °F 30W @ 14 to 122 °F
Data Rate	10/100/1000 Mbps
IEEE Standards	IEEE802.3bt/at/af
Dimensions	2” 9/16 (W) x 1” 7/16 (H) x 5” 9/16 (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	—	1,640 ft. (500 m)	
	non - PoE Cam	—	1,640 ft. (500 m)	6,561 ft. (2.0 km)
Optional Rack Mount		—	BY-HCA10A	

SYSTEM CONTROLLER

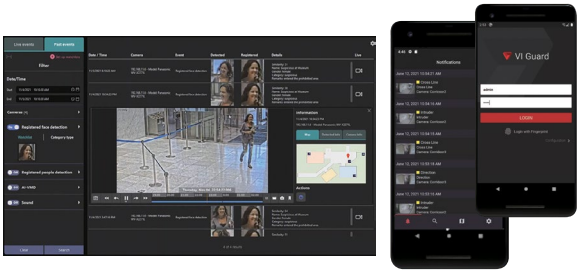
MODEL#	WV-CU980
Specifications	**Integrated control for Camera, Recorder and GUI:** - 3D Joystick for Pan/Tilt/Zoom control - Work with WV-ASM300, Video Insight VIM+ version 7.6 or later * WV-ASM200, WV-ASC970 is not supported

i-PRO Active Guard

Immediate response to or prevention of incidents

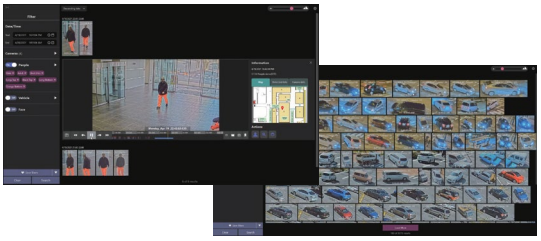
- Detect various events such as intruder, gunshot sound and watchlist alarm for specific faces and people. Rule-based action on VMS enables automation of system behavior when an event occurs.
- A mobile application* frees you from work in a monitoring room. Also, by linking the PC software and mobile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

  *Video Insight only.



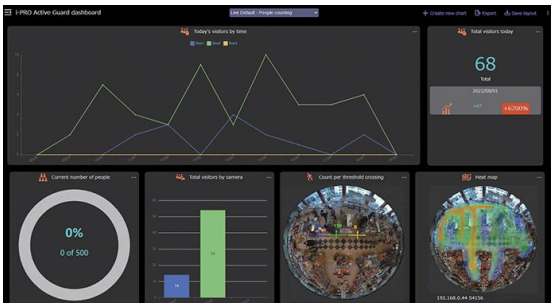
Significant reduction in post investigation time

- Searching by face and people and vehicle characteristics enables faster searching in a matter of seconds, not hours.
- Supported by many high-precision attributes based on i-PRO's deep learning technology and its high-image quality cameras.



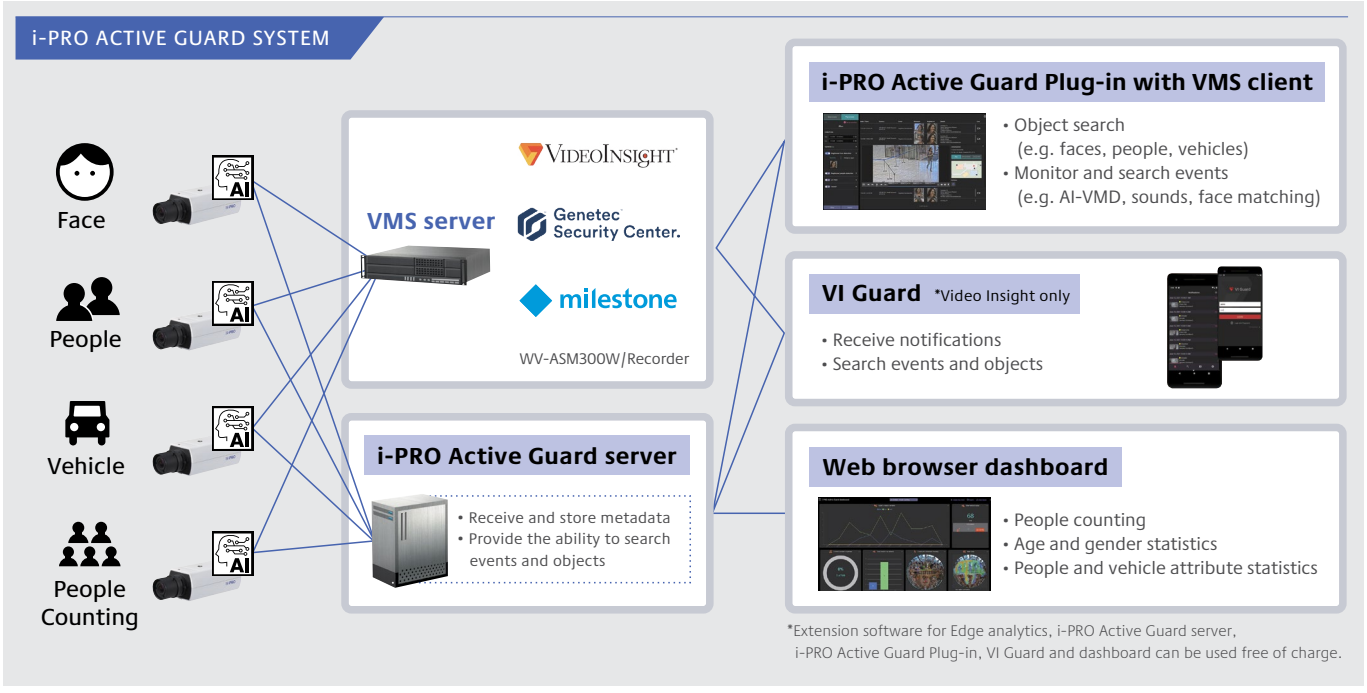
Customizable dashboard display for business intelligence

- The dashboard on the web browser shows people 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.



*Extension software for Edge analytics, i-PRO Active Guard server, i-PRO Active Guard Plug-in, VI Guard and dashboard can be used free of charge.

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

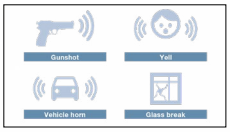
AI-VMD can identify between objects. The cameras actively read the scene and uniquely differentiate between cars, motorcycles, bicycles and people. Additionally, AI-VMD offers users intelligent functionality such as line-cross detection, scene-change detection, loitering detection and directional detection.

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.

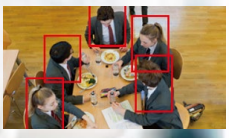
*External microphone is required

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.

Non-Mask Detection

Proprietary image processing and deep-learning technologies combine to create a unique application that allows any AI-engine-enabled i-PRO camera to recognize face masks and detect when a person is not wearing one via a pop-up alarm notification.



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.

REASONS TO GO WITH i-PRO

Ease of Use and Low Total Cost of Ownership

- Best TCO with no annual maintenance fees.
- Add powerful search functionality to your security operation with i-PRO's S-series AI-enabled cameras and the new i-PRO Active Guard plug-in.
- Industry-leading, discreet, AI analytics, high-resolution, low-light performance, cyber-secure cameras.
- Fully-integrated open platform works with over 150 camera manufacturers and major third-party access control systems.
- Scalable enterprise solutions with intelligent analytics and seamless third-party plug-ins and integrations.
- Unlimited client seats through any platform including Windows, MacOS, Apple TV, Web browser, and Android and iOS Mobile Apps.

CLIENTS

VI MonitorPlus | VI Web Client | VI Monitor for Mac | VI Video WallPlus | VI Mobile

VI IP Server | MonitorCast | Health MonitorPlus | i-PRO Active Guard

KEY FEATURES

Streamlined Client (VI MonitorPlus)
With an intuitive UI, Video Insight's main viewing and management client empowers its users with great functionality, customization, and control, all while striving to maximize efficiency.

Natively Integrated Access Control (MonitorCast)
MonitorCast is an enterprise access control application that is fully integrated with VI. The two platforms work together seamlessly, forming a unified security and access solution.

Expanded Functionality via New Plug-in Architecture
Video Insight's plug-in based architecture allows users to expand the functionality of their surveillance system with features designed to meet challenges specifically faced in their vertical.

VI – Integration and Analytics

i-PRO Active Guard

i-PRO Active Guard

With the combination of the i-PRO camera and deep learning technology, you can quickly search for images based on attribute information of people and vehicles. It supports the number of attributes of people and vehicles in the top class of the surveillance industry. Edge analytics eliminates the need for expensive analysis servers and provides low cost.

License Plate Recognition

License Plate and MMC Recognition (Vaxtor)

VI with Vaxtor VaxALPR has been enhanced to detect a vehicle's make, model and color (MMC) when utilizing i-PRO AI-enabled cameras. With i-PRO's open AI platform, additional hardware and servers are not required since the VaxALPR application runs solely on the edge, leveraging the i-PRO AI camera's powerful SoC.

Gunshot Detection

Gunshot Detection by Databuoy (ShotPoint)

This third-party integration uses acoustic sensors to monitor the environment. ShotPoint can precisely locate the event on a map and instantly communicate the information to the user via real-time notifications.

Visual Weapon Detection

Visual Weapon Detection by ZeroEyes

This third-party integration utilizes AI technology to monitor video images for weapons. In the case of an alert, ZeroEyes will confirm your alarm and launch a live alarm window notification to the VI MonitorPlus client.

Vape Detection

HALO | Vape Detection

The Halo smart sensor integrates with VI MonitorPlus to receive instant notifications when hazardous chemicals are detected, such as smoke, vape cigarettes (including products containing THC). This smart sensor can also detect gunshots, AQI conditions and spoken keyword triggers.

VI Thermal Plug-in

Video Insight Thermal Plug-in for Elevated Body Temperature

Using the combined functionalities of MOBOTIX thermal cameras and the Video Insight VMS, an alarm is triggered when the user-defined, pre-set temperature threshold is exceeded.

VI Video Redaction

Video Insight Video Redaction

When a request for a video of an incident is received, the protection and privacy of individuals who appear in the background, or individuals not involved in the incident, is vital. The use of the VI redaction plug-in, a powerful AI engine, enables users to selectively obscure key faces appearing in the recorded video.

Optex Red Scan Sensor

Optex Red Scan Sensor – Area

Red Scan series sensors can be added to Video Insight VMS the same way as a camera. These unique sensors utilize laser technology to check for motion in sensitive unreachable areas. Once triggered, this integration provides an alert notification with live windows, email notification, PTZ camera action or any event designated in VI's rules manager by a user.

VI Health MonitorPlus

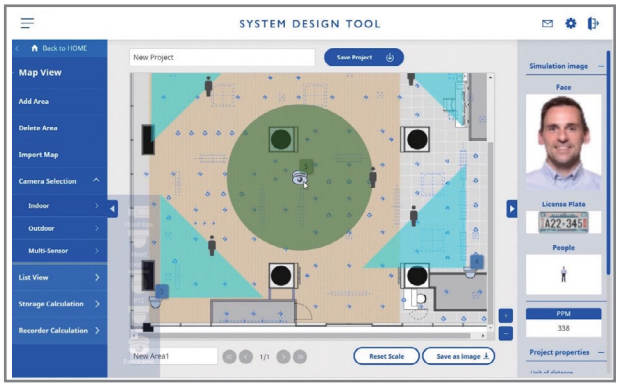
Video Insight Health MonitorPlus

VI Health MonitorPLUS provides a complete and easy-to-use interface featuring real-time monitoring of resources that alert administrators about any issues that might affect the services and keep track of any camera failures and video recording interruptions.

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.

https://i-pro.com/products_and_solutions/en/surveillance/tools/sdt

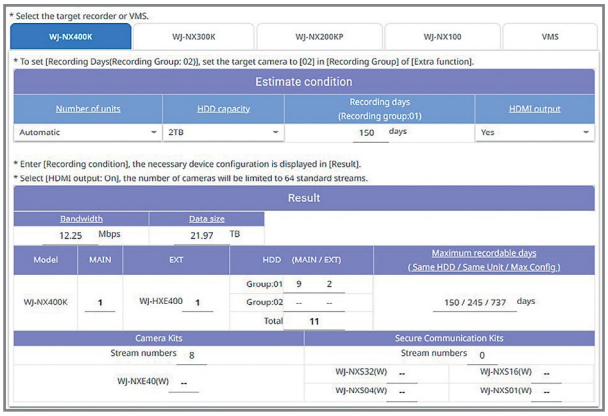


Features and Benefits

- 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.

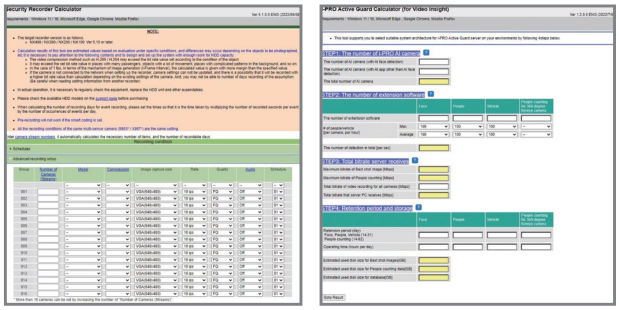
Recorder Calculation

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.



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.

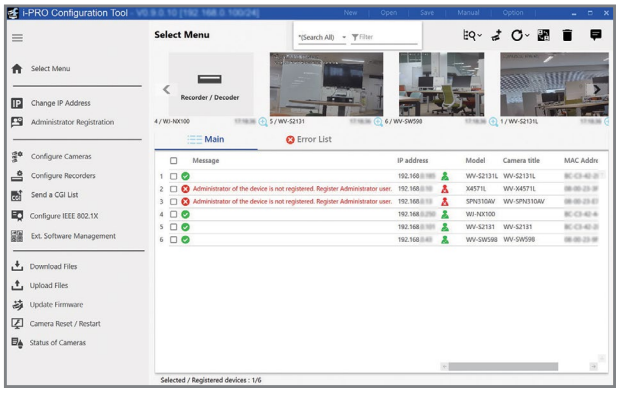


https://i-pro.com/products_and_solutions/en/surveillance/tools/calculators

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/products_and_solutions/en/surveillance/learning-and-support/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 device settings report with camera view images.
- Collective maintenance of devices, including automatic firmware updates.

Related products of iCT

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

NETWORK CAMERA MODEL NUMBER FORMAT

W	V	-	S	2	5	7	0	0		-	V	2	L	N			
			Series	Form	Environment	Resolution	Serial		Version		Lens1	Lens2	Feature			Color	

Series	Form	Environment	Resolution	Serial	Version
X: Industry specific S: Standard U: Entry	8 : Multi-sensor 7 : Mini 6 : PTZ 4 : 360-deg 3 : Compact Dome 2 : Dome 1 : Box	6: Outdoor Vandal 5: Outdoor Vandal 4: Outdoor Normal 2: Indoor Vandal 1: Indoor Normal	7: 4K 6: 6MP 5: 5MP 4: 4MP 3: 2MP 1: 720p	00 - 99	None A, B, C

Lens1	Lens2
F: Fixed lens	None: No lens
V: Vari-focal	Y, 1 to 9:
T: Long focal	See below
Z: Zoom lens	
U: No Lens	

Feature	Color
L: IR-LED	None: White
M: M12 connector	1, -1: Black
G: Smoke dome	2, -2: Silver
N: Clear Sight	3, -3: Gray
S: Salt resistant	4, -4: Brown
K: ClearSight & Salt resistant	

		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

CAMERA MOUNT BRACKET MODEL NUMBER FORMAT

W	V	-	Q	S	R	5	0	3	F	1		-	W
				Category		Serial			Option		Version	Color	

Category		Option	Version	Color
WL: Wall mount	LR: Light rail mount	S: Salt resistant	None, A, B	-W: White
WD: Wall mount with dome	DC: Dome cover	C: Clear dome		-B: Black
CL: Ceiling mount	SR: Shroud	G: Smoke dome		-G: Gray
CD: Ceiling mount with dome	JB: Junction box	F1: Female ANSI thread		-S: Silver
EM: Embedded ceiling mount	AT: Attachment	M1: Male ANSI thread		
ED: Embedded ceiling mount with dome	CA: Cable	F: Female ISO thread		
PL: Pole mount		M: Male ISO thread		
CN: Corner mount				

VIDEO INSIGHT LICENSE BUNDLED WITH i-PRO CAMERAS MANUFACTURED AFTER OCTOBER 2014

i-PRO is bundling a Video Insight software license with the purchase of i-PRO cameras manufactured after October 2014 to save security professionals valuable time and money.

How to tell if your i-PRO camera was manufactured after October 2014:

Find the serial number on your camera and/or carton box.

The first letter of the serial number code indicates the year of production, where M=2013, N=2014, O=2015.

The second letter indicates the month of production, where A=January, B=February, C=March, etc.

For example, October 2014 will be NJ******.

For more information, visit:
https://i-pro.com/products_and_solutions/en/surveillance

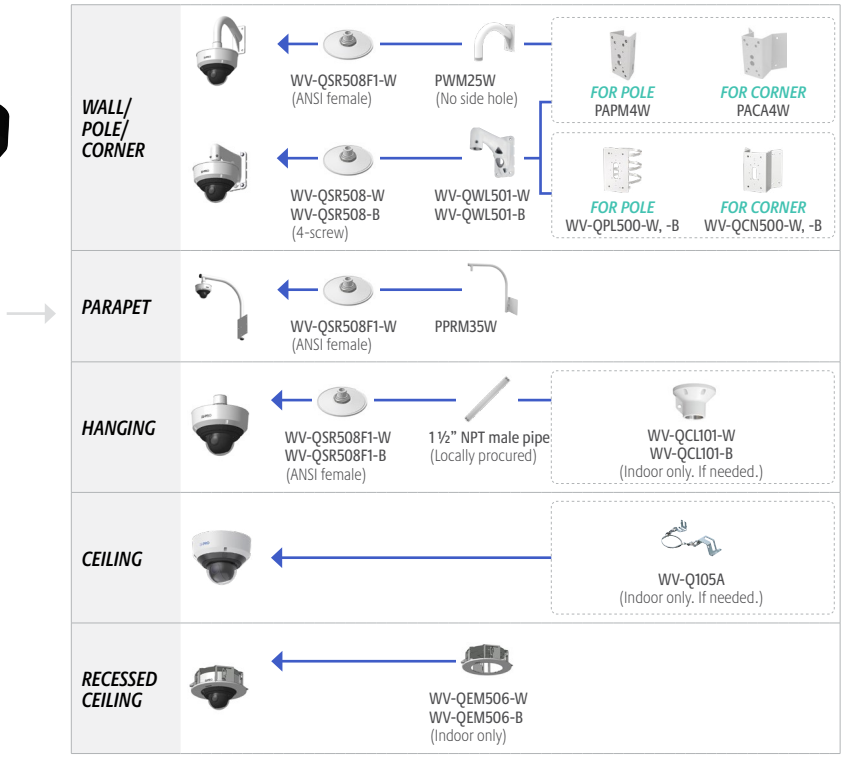
MULTI-DIRECTIONAL + PTZ CAMERAS

OUTDOOR

WV-X86531-Z2 **WV-X86531-Z2-1**	White Black
WV-X86530-Z2 **WV-X86530-Z2-1**	White Black

ACCESSORIES

PICTURE	SKU | DESCRIPTION	ALL
	WV-QDC502G Smoke Dome	✓
	WV-QDC502C Clear Dome	✓
	WV-QCA501A Multi Cable (Ext I/O, Audio, DC)	✓
	WJ-PU201 PoE++ injector	✓



OUTDOOR PTZ CAMERAS

OUTDOOR

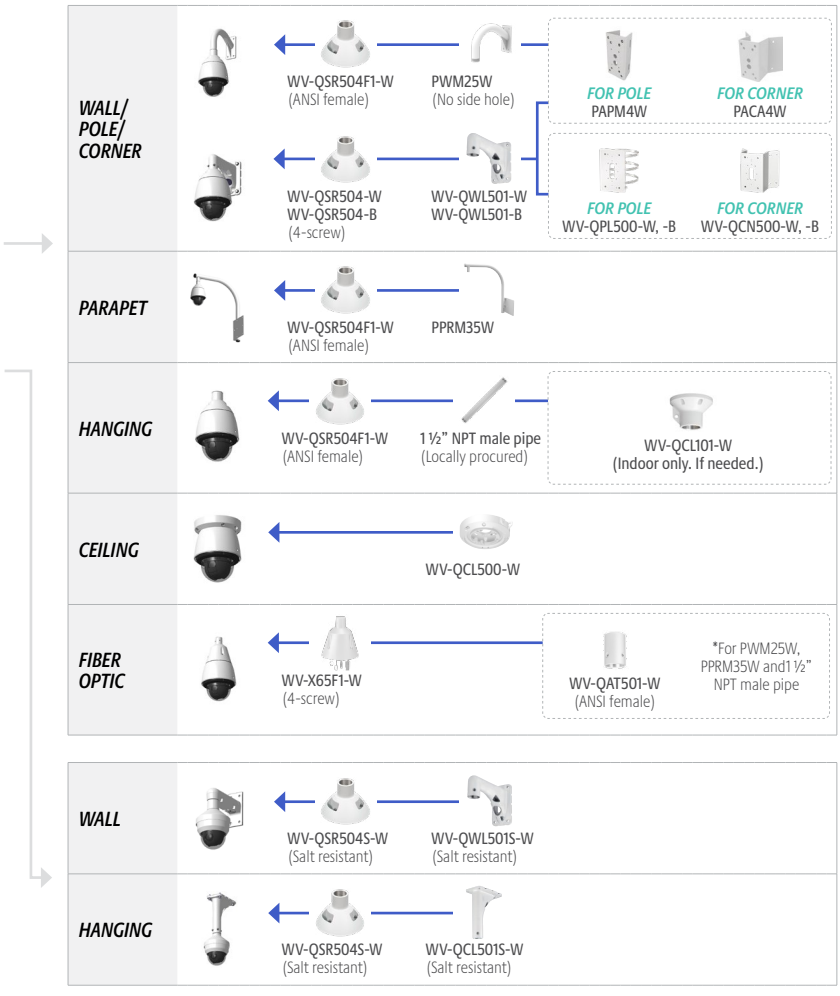
WV-S65340-Z4N, Z4G **WV-S65340-Z4N1**	White Black
WV-S65340-Z2N, Z2G **WV-S65340-Z2N1**	White Black

SALT RESISTANT

WV-S65340-Z4K	White
WV-S65340-Z2K	White

ACCESSORIES

PICTURE	SKU | DESCRIPTION	ALL
	WV-QDC503G Smoke Dome	✓
	WV-QDC503C Clear Dome	✓
	WV-QDC503CN Clear Dome with ClearSight coating	✓
	WJ-PU201 PoE++ injector	✓



OUTDOOR PTZ CAMERAS

OUTDOOR

WV-X6533LN	Silver
WV-S6532LN	Silver

OUTDOOR

WV-SUD638	Silver

ACCESSORIES

PICTURE	SKU | DESCRIPTION	X6533LN S6532LN	SUD638
	WV-SUD6FRL1 IR LED Unit		✓
	WJ-PU201 PoE++ injector	✓	✓

WALL/ POLE/ CORNER

WV-QAT501-S
Silver (ANSI female)

PWM25GS
Silver (No side hole)

WV-Q122A
Silver

FOR POLE PAPM4W
FOR CORNER PACA4W
FOR POLE WV-QPL500-W, -B
FOR CORNER WV-QCN500-W, -B

PARAPET

WV-QAT501-S
Silver (ANSI female)

PPRM35W

HANGING

WV-QAT501-S
Silver (ANSI female)

1 ½" NPT male pipe
(Locally procured)

WV-QCL101-W
WV-QCL101-B
(Indoor only. If needed.)

CEILING

WV-QCL500-S
Silver

OUTDOOR PTZ CAMERAS

OUTDOOR

WV-S65302-Z2, Z2G WV-S65302-Z2-1	White Black
WV-U65302-Z2, Z2G	White
WV-S65501-Z1, Z1G	White
WV-S65301-Z1, Z1G WV-S65301-Z1-1	White Black
WV-U65301-Z1, Z1G	White
WV-S65300-ZY, ZYG	White
WV-U65300-ZY, ZYG	White

SALT RESISTANT

WV-S65301-Z1S	White

ACCESSORIES

PICTURE	SKU | DESCRIPTION	S65302, S65501, S65301 U65302, U65301	S65300 U65300
	WV-QDC502G Smoke Dome	✓	
	WV-QDC502C Clear Dome	✓	
	WV-CW7S Smoke Dome		✓
	WV-QDC504C Clear Dome		✓
	WV-CW7SN Smoke Dome with ClearSight Coating		✓
	WV-CW7CN Clear Dome with ClearSight Coating		✓
	WV-QCA500A RJ45 Ethernet cable	✓	✓
	WV-QCA501A Multi cable (Ext I/O, Audio, DC)	✓	✓

Please contact your sales representative

WALL/ POLE/ CORNER

WV-QSR501F1-W
(ANSI female)

PWM25W
(No side hole)

WV-QWL500-W
WV-QWL500-B

WV-QJB500-W
WV-QJB500-B
(If needed)

FOR POLE PAPM4W
FOR CORNER PACA4W
FOR POLE WV-QPL500-W, -B
FOR CORNER WV-QCN500-W, -B

PARAPET

WV-QSR501F1-W
(ANSI female)

PPRM35W

HANGING

WV-QSR501F1-W
(ANSI female)

1 ½" NPT male pipe
(Locally procured)

WV-QCL101-W
(Indoor only. If needed.)

CEILING

WV-QJB504-W
WV-QJB501-B
(If needed)

WV-Q105A
(Indoor only. If needed.)

RECESSED

WV-QEM504-W (for S65302/U65302)
WV-QEM503-W (for S65501/S65301/U65301)
WV-QEM502-W (for S65300/U65300)
(Indoor only)

WALL/

WV-QSR501S-W
(Salt resistant)

WV-QWL501S-W
(Salt resistant)

HANGING

WV-QSR501S-W
(Salt resistant)

WV-QCL501S-W
(Salt resistant)

INDOOR PTZ CAMERAS

INDOOR

WV-S61302-Z4	White

ACCESSORIES

PICTURE	SKU | DESCRIPTION	S61302-Z4
	WV-QDC100G-W Smoke Dome	✓
	WV-QDC100C-W Clear Dome	✓

INDOOR PTZ CAMERAS

INDOOR

WV-S61301-Z2	White
WV-U61301-Z2	White
WV-S61501-Z1	White
WV-S61301-Z1	White
WV-U61301-Z1	White
WV-S61300-ZY, ZYG	White
WV-U61300-ZY, ZYG	White

ACCESSORIES

PICTURE	SKU | DESCRIPTION	S61501 S61301 U61301	S61300 U61300
	WV-QDC102C Clear Dome	✓	
	WV-CF5SA Smoke Dome		✓
	WV-QDC101C Clear Dome		✓

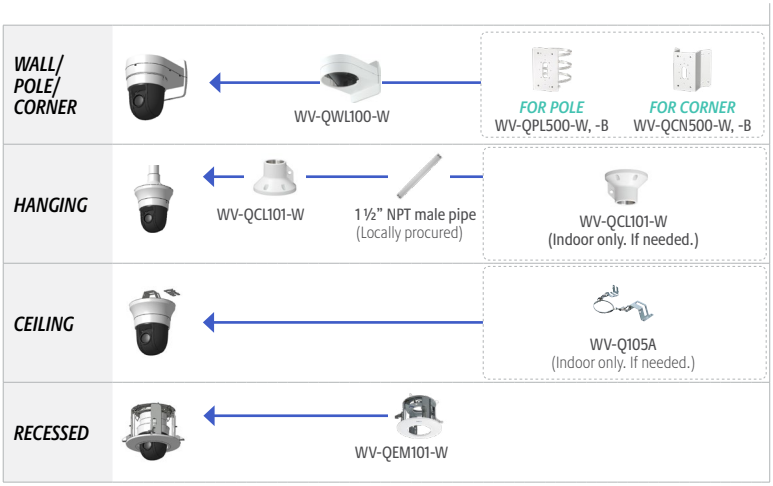
MULTI-SENSOR CAMERAS

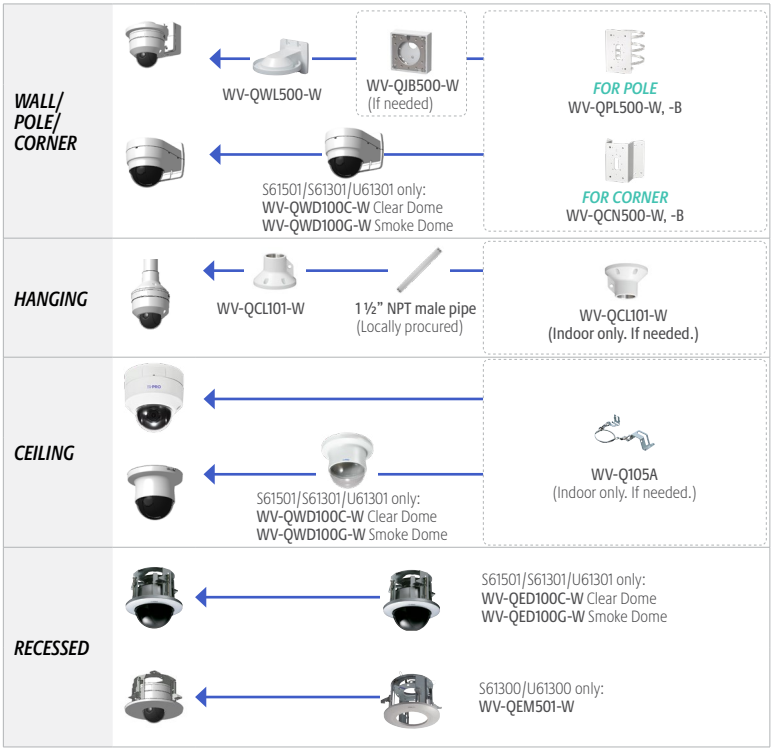
OUTDOOR

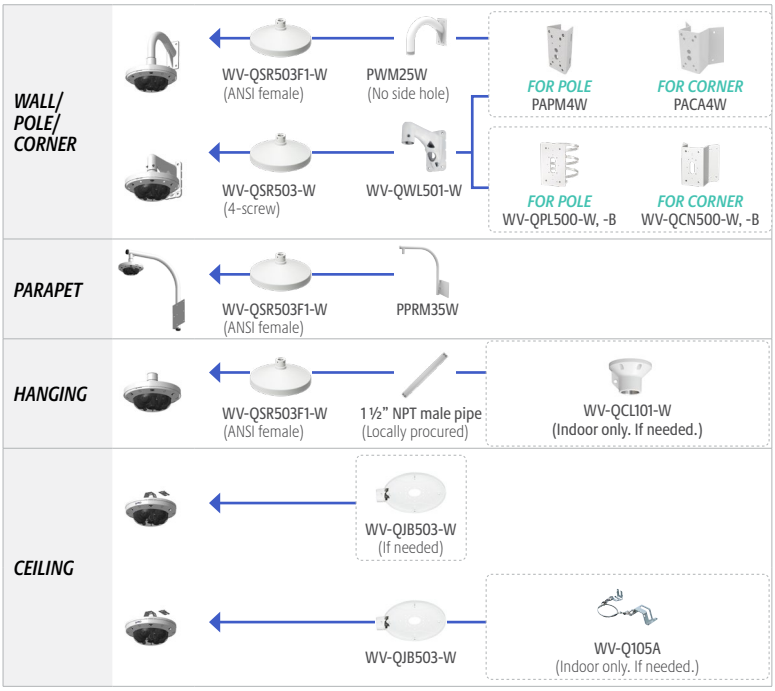
WV-S8574L, LG	White
WV-S8573L, LG	White
WV-S8564L, LG	White
WV-S8563L, LG	White
WV-S8544L, LG	White
WV-S8543L, LG	White
WV-S8544, G	White
WV-S8543, G	White

ACCESSORIES

PICTURE	SKU | DESCRIPTION	ALL
	WV-QDC501G Smoke Dome	✓
	WV-QDC501C Clear Dome	✓
	WV-QCA501A Multi Cable (Ext I/O, Audio, DC)	✓







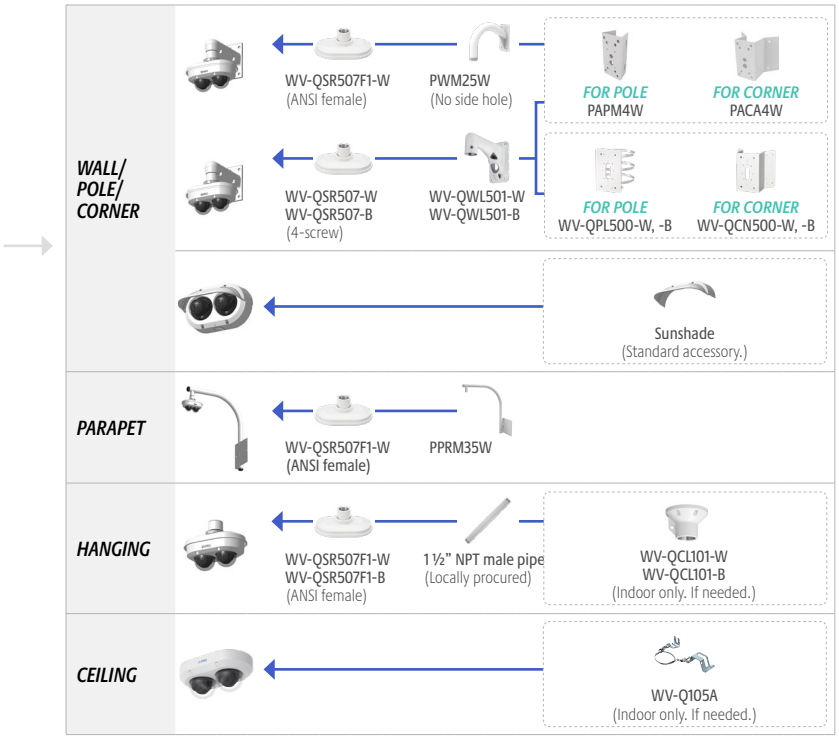
DUAL-SENSOR CAMERAS

OUTDOOR

WV-S85702-F3L **WV-S85702-F3L1**	White Black
WV-S85402-V2L **WV-S85402-V2L1**	White Black
WV-U85402-V2L **WV-U85402-V2L1**	White Black

ACCESSORIES

PICTURE	SKU | DESCRIPTION	ALL
	WV-CR1S Smoke Dome	✓
	WV-QDC200C Clear Dome	✓
	WV-QCA501A Multi Cable (Ext I/O, Audio, DC)	✓



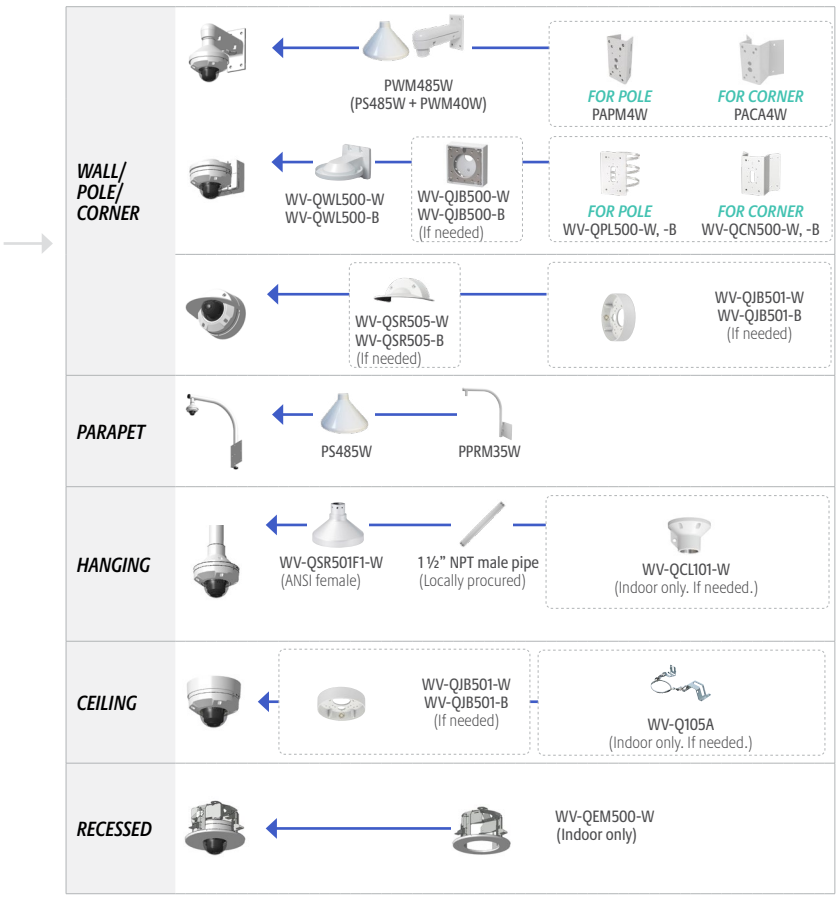
OUTDOOR DOME CAMERAS

OUTDOOR

WV-S25700-V2LN, -V2LG **WV-S25700-V2LN1**	White Black
WV-S25600-V2LN, -V2LG	White
WV-S25500-V3LN, -V3LG, -F3L, -F6L **WV-S25500-V3LN1**	White Black
WV-S2536LN, LGN, LTN	White
WV-U2542LA	White
WV-U2532LA	White

ACCESSORIES

PICTURE	SKU | DESCRIPTION	S25700, S25600, S25500, S2536	U2542LA, U2532LA
	WV-CW7S Smoke Dome	✓	✓
	WV-QDC504C Clear Dome	✓	✓
	WV-CW7SN Smoke Dome with ClearSight Coating	✓	✓
	WV-CW7CN Clear Dome with ClearSightCoating	✓	✓
	WV-QCA500A RJ45 Ethernet cable	✓	
	WV-QCA501A Multi cable (Ext I/O, Audio, DC)	✓	



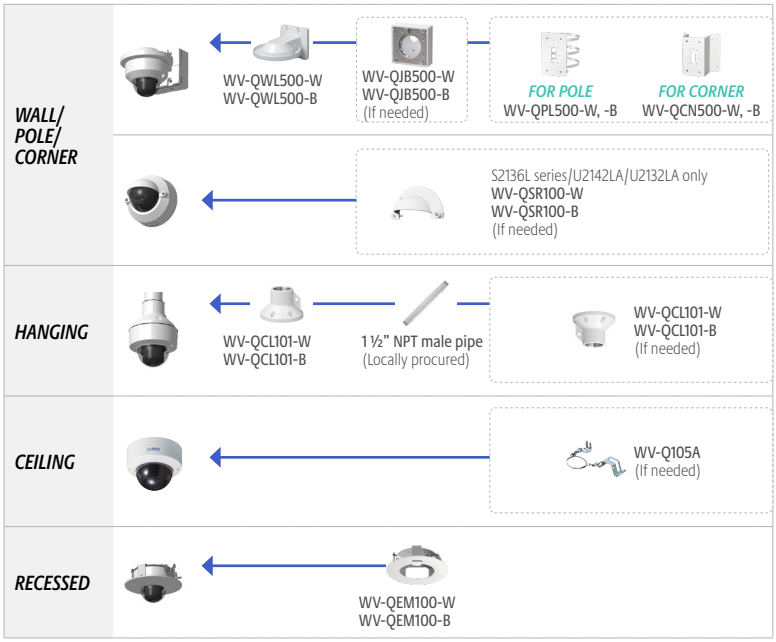
INDOOR DOME CAMERAS

INDOOR

WV-S22700-V2L, -V2LG WV-S22700-V2L1	White Black
WV-S22600-V2L, -V2LG	White
WV-S22500-V3L, -V3LG , -F3L, -F6L WV-S22500-V3L1	White Black
WV-S2236L, LG WV-S2236L-B, LG-B	White Black
WV-S2136L, LG WV-S2136L-B, LG-B	White Black
WV-U2142LA	White
WV-U2132LA	White

ACCESSORIES

PICTURE	SKU | DESCRIPTION	S22700, S22600, S22500, S2236L	S2136L, U2142LA, U2132LA
	WV-CR1S Smoke Dome	✓	
	WV-QDC200C Clear Dome	✓	
	WV-CF5SA Smoke Dome		✓
	WV-QDC101C Clear Dome		✓



COMPACT DOME CAMERAS

OUTDOOR

WV-S3531L	Gray
WV-S3532LM	Gray
WV-S3511L	Gray
WV-S3512LM	Gray
WV-U2540LA	White
WV-U2530LA	White

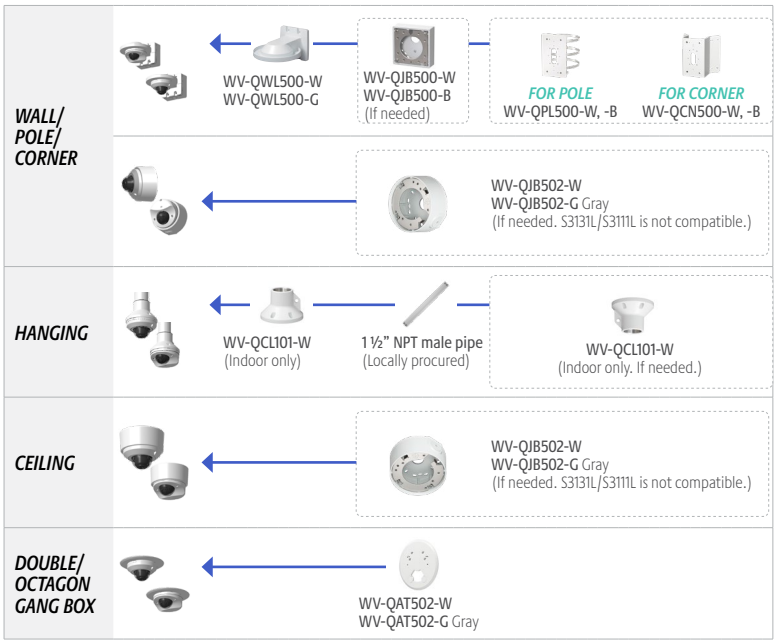
INDOOR

WV-S3131L	White
WV-S3111L	White
WV-U2140LA	White
WV-U2130LA	White

ACCESSORIES

PICTURE	SKU | DESCRIPTION	S-SERIES	U-SERIES
	WV-CW6SA* Smoke Dome	✓	
	WV-QDC505C* Clear Dome	✓	
	WV-QDC500S Smoke Dome		✓
	WV-QDC500C Clear Dome		✓

* Only cameras manufactured in December 2019 or later are supported.



ON-VEHICLE CAMERA

OUTDOOR

WV-SBV131M	Gray

Direct mount only

ACCESSORIES

PICTURE	SKU | DESCRIPTION	SBV131M
	WV-QDC506C Clear Dome	✓

FISHEYE CAMERAS

OUTDOOR

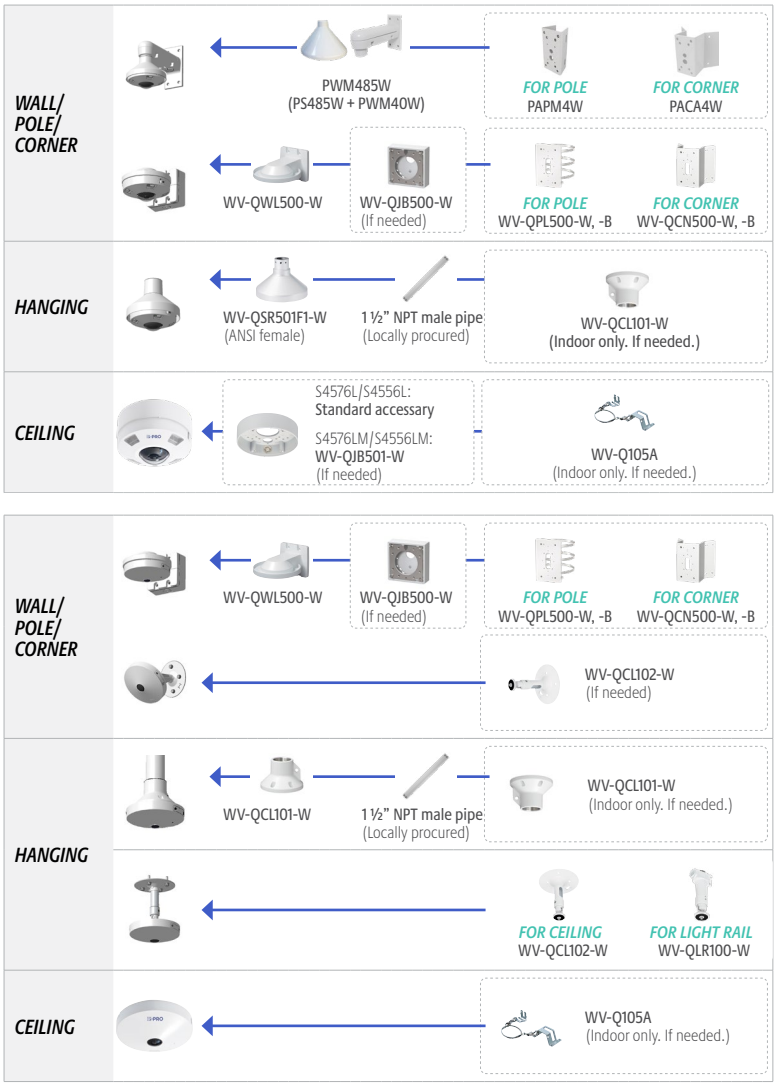
WV-S4576LM	White
WV-S4576L	White
WV-S4556LM	White
WV-S4556L	White

INDOOR

WV-S4176	White
WV-S4156	White

ACCESSORIES

PICTURE	SKU | DESCRIPTION	S4576, S4556
	WV-QDC507C Clear Dome	✓



OUTDOOR BULLET CAMERAS

OUTDOOR

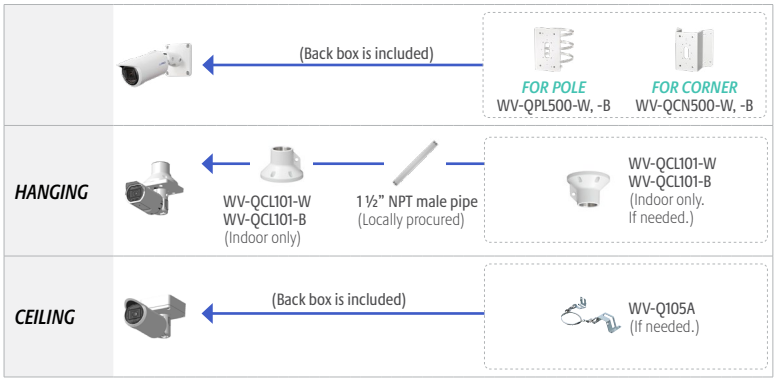
WV-S15700-V2LN	White
WV-S15600-V2LN	White
WV-S15500-V3LN , -F3L, -F6L **WV-S15500-V3LN1**	White Black
WV-S1536LN, LTN **WV-S1536LN-B**	White Black
WV-U1542LA	White
WV-U1532LA	White

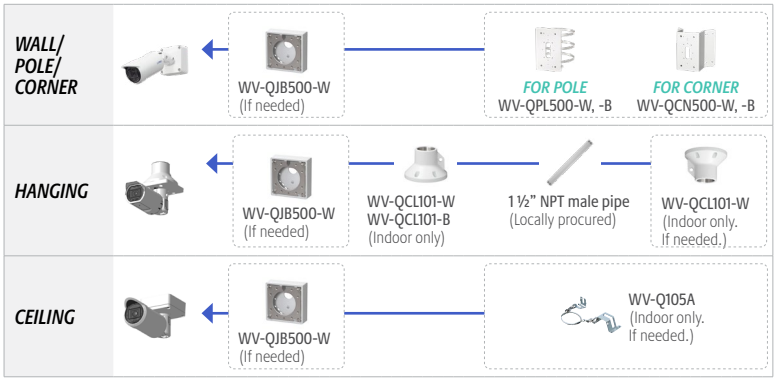
SALT RESISTANT

WV-S15700-V2LK	White
WV-S15500-V3LK	White
WV-S1536LNS	White

ACCESSORIES

PICTURE	SKU | DESCRIPTION	S15700, S15600, S15500, S1536	U1542LA, U1532LA
	WV-QCA500A RJ45 Ethernet cable	✓	
	WV-QCA501A Multi cable (Ext I/O, Audio, DC)	✓	





Direct mount only

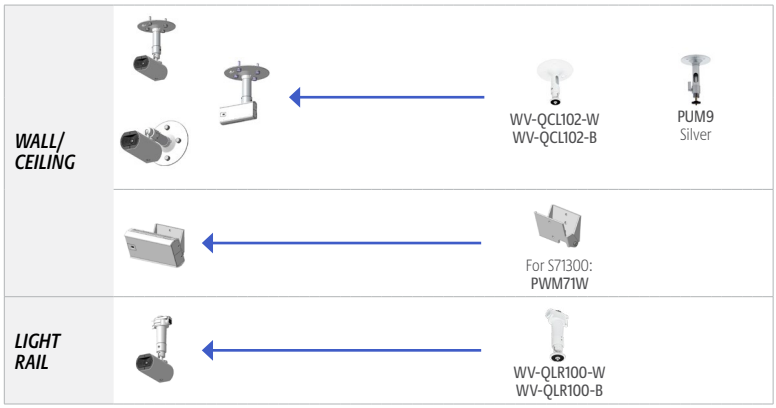
INDOOR BOX CAMERAS

INDOOR

WV-S1136	White
WV-U1142A	White
WV-U1132A	White
WV-U1130A	White
WV-S71300-F3	White

ACCESSORIES

PICTURE	SKU | DESCRIPTION	S1136	S71300-F3 U1142A, U1132A, U1130A
	PLAMP0850A Optional Lens 1/2.7 8.0-50.0mm @ F1.6 Auto Iris	✓	
	PLAMP2808A Optional Lens 1/2.7 2.8-8.0mm @ F1.2 Auto Iris	✓	



advidia

ADVIDIA ACCESSORIES

M-44-V-T-V2 M-46-V	***JUNCTION BOX***	M-JB-T
	WALL	M-WM-T
	POLE	M-WM-T ⊕ M-PM
	PENDANT	M-JB-T ⊕ M-Pendant

M-87-V	***JUNCTION BOX***	M-JB
	WALL	M-WM-JB
	CEILING	M-FM
	POLE	M-WM-JB ⊕ M-PM
	PENDANT	M-JB ⊕ M-Pendant

M-45-FW-V2 M-46-FW-V2 M-46-F-V2	***JUNCTION BOX***	M-JB-MINI
	WALL	M-WM-JB-MINI
	POLE	M-WM-JB-MINI ⊕ M-PM
	PENDANT	M-JB-MINI ⊕ M-Pendant

M-200-P	***WALL***	M-PTZ-WM ⊕ M-PTZ-JB
		M-Parapet
	POLE	M-PTZ-WM ⊕ M-PTZ-JB ⊕ M-PTZ-PM
	CORNER	M-PTZ-WM ⊕ M-PTZ-JB ⊕ M-PTZ-CNR
	PENDANT	M-CM ⊕ M-PTZ Pendant-EX-L OR M-PTZ Pendant-EX-S
		M-CM OR M-PTZ Pendant

M-49-V M-89-F-L	***JUNCTION BOX***	M-JB-MINI-B
	POLE	M-JB-MINI-B ⊕ M-PM-B

M-5360	***JUNCTION BOX***	M-JB-T
	PENDANT	M-JB-T ⊕ M-Pendant

i-PRO
The Power of Truth

i-PRO Americas Inc.

FOR TECHNICAL SUPPORT
1.800.513.5417
M-F: 7:00 a.m.-7:00 p.m. CST

FOR MORE INFORMATION, CONTACT US
SurveillanceSolutions@i-pro.com
1.877.803.8492