

# WV-S25500-V3LN

## New S-series wide lineup high resolution network camera with AI engine

## **5MP Vandal Resistant Outdoor Dome Network Camera**

The 5MP/6MP/4K varifocal lens model, a high-resolution network camera will be added to the lineup of the well-established new S series.

Equipped with an AI processor, it can run up to three AI analytics applications (AI apps) simultaneously, which significantly improve the detection rate of people and vehicles and can be used in a wide range of surveillance scenes.

It realizes high-quality and clearer images even in low-light and wide-range shooting scenes. With the released of total 34 models, including fixed focus, black body, smoke dome, and derivative models such as heavy salt damage resistant models, to support a wide variety of security monitoring applications.

## 3 AI Apps operation at same time

- Up to 3 Al apps can be operated at the same time from the wide variety.
 Using Al processor which identifies object as people or vehicle, it will reduce false alarm compared to conventional model.
 As result, it can be used many industries.

## High image quality / High compression

- Our original smart coding technology compatible with H.264 and H.265 delivers high-resolution video at high image quality and low bit rate. Achieved useful images by combining with highly visible images by the intelligent auto (iA) function.

## Easy setting and installation

- Easy Kitting Package enabling installers to configure cameras easily while keeping the unit in the box.\*

The grommet on the outdoor model can reduce the time and effort required for installation.

User-friendly GUI (setting while watching Live view, etc.) allows you to set comfortably.

iCT tool allows you to set multiple cameras, apps, and recorders all at once, reducing the camera setting time.

## **High security**

- Equipped with FIPS 140-2 level 3 certified hardware in addition to the digital certificate issued by a third party organization (GlobalSign®).

#### Key i-PRO Spec.

- 5MP
- Intelligent Auto (with AI Engine)
- Super Dynamic 132dB
- Color night vision (0.05 to 0.07 lx)
- Smart Coding (with AI Engine)
- ClearSight Coating
- Built-in IR LED
- Fiber Optic Media Converter Unit (Optional WV-S25F1)
- ONVIF® Profile G / M / S / T \*ONVIF is a trademark of ONVIF, Inc.

### **Industry examples**

- Safe Cities
- Transportation (Airport / Train, Subway station)
- Bank (ATM, Entrance)
- Retail / Logistics / Education / Hospital / Building



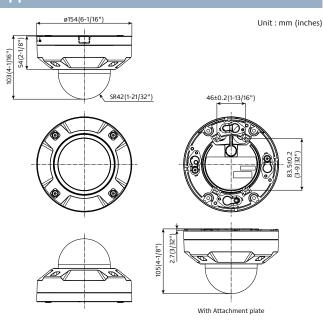


<sup>\*</sup>The kitting process should be done within 1hour. The inside of the camera gets hot and may cause a malfunction.

#### Specifications

		tions			
Camera	Image S		Approx. 1/2.8 type CMOS image sensor		
	Minimum Illumination		Color: 0.05 lx (30IRE, F1.3, 1/30s) *1		
			Color: 0.07 lx (50IRE, F1.3, 1/30s)		
			BW: 0.04 lx (50IRE, F1.3, 1/30s)		
			BW: 0 lx (50IRE, F1.3,1/30s with IR LED)		
	White Balance		ATW1 / ATW2 / AWC		
	Shutter Speed		[30 fps/15 fps mode] 1/30 Fix to 1/10000 Fix		
	Intelligent Auto Super Dynamic*2		[25 fps/12.5 fps mode] 1/25 Fix to 1/10000 Fix On / Off On / Off, The level can be set in the range of 0 to 31.		
	Dynamic Range		Max.132 dB (Super Dynamic : On, Level 31)		
	Adaptive Black Stretch		The level can be set in the range of 0 to 255.		
	Back light compensation /		BLC (Back light compensation) / HLC (High light compensation) / Off		
	High lig	ht compensation	(only when Super dynamic / Intelligent Auto : Off)		
	Fog con	pensation	On / Off (only when Intelligent auto / auto contrast adjust : Off)		
	Maximu	m gain (AGC)	The level can be set in the range of 0 to 11.		
	Color/B	W (ICR)	Off / On (IR Light Off) / On (IR Light On) / Auto1 (IR Light Off) /		
	101501		Auto2 (IR Light On) / Auto3 (SCC)		
	IR LED Light		High / Middle / Low / Off,		
			Maximum irradiation distance : 55 m {Approx. 180 ft} (30IRE) *1		
	D: :: 11		40 m (Approx. 131 ft) (50IRE)		
		Noise Reduction	The level can be set in the range of 0 to 255.		
		otion Detection (VMD)			
		ange Detection (SCD)	On / Off, 1 areas available		
		etection	On / Off		
		d Classification	Gunshot, Yell, Vehicle horn, Glass break		
	Al Analy		Yes		
	Privacy Zone		On / Off, Up to 8 zones available		
	VIQS		On / Off, Up to 8 zones available		
	Image rotation*3		0 °   90 °   180 °   270 °		
	Camera Title (OSD)		On / Off, Up to 40 characters (alphanumeric characters, marks)		
	Focus Adjustment		Auto focus		
Lens	Optical zoom		3.1x (Motorized zoom / Motorized Focus)		
	Extra zo		3.1x - 9.3x (when resolution is 640 x 360)		
	Focal length		2.9 - 9 mm {1/8 inches - 11/32 inches}		
	Angular Field of View		[16 : 9 mode]		
			Horizontal : 33° (TELE) – 103° (WIDE), Vertical : 19° (TELE) – 55° (WIDE)		
			[ 4:3 mode]		
			Horizontal: 33° (TELE) – 103° (WIDE), Vertical: 25° (TELE) – 75° (WIDE)		
	Maximum Aperture Ratio		1:1.3 (WIDE) - 1:2.5 (TELE)		
	Focus ra		0.3 m {11-13/16 inches} - ∞		
DORI		(25ppm / 8ppf)	Wide: 48.9 m / 160.3 ft, Tele: 207.4 m / 680.5 ft		
		e (62.5ppm / 19ppf)	Wide: 19.5 m / 64.1 ft, Tele: 83.0 m / 272.2 ft		
		ze (125ppm / 38ppf)	Wide: 9.8 m / 32.1 ft, Tele: 41.5 m / 136.1 ft		
		(250ppm / 76ppf)	Wide: 4.9 m / 16.0 ft, Tele: 20.7 m / 68.1 ft		
	n Chip (SoC)		Ambarella CV22		
Adjusting			Horizontal : -194 to +166°, Vertical : -30 to +85°, Yaw : ±100°		
Browser	Camera	Control	Brightness, AUX On / Off		
GUI	Audio		Mic (Line) Input: On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High		
	GUI / Setup Menu Language		Audio Output : On / Off Volume adjustment : Low / Middle / High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes		
	Browser*4		Microsoft Edge, Firefox, Google Chrome		
Network	Network IF		10Base-T / 100Base-TX, RJ45 connector		
	Resolution		[16:9 mode (30 fps mode)][16:9 mode (25 fps mode)]		
	H.265/	H.264/ JPEG (MJPEG)	3072x1728/2560x1440/1920x1080/1280x720/640x360/320x180		
			[4:3 mode (30 fps mode)][4:3 mode (25 fps mode)]		
			3072x2304/2560x1920/1280x960/800x600/VGA/400x300/320x240		
			Constant bit rate / VBR / Frame rate / Best effort		
	H.265/	Transmission Mode			
	H.265/ H.264*6 JPEG	Transmission Mode Transmission Type Image Quality	Unicast port (AUTO) / Unicast port (MANUAL) / Multicast  10 steps		

#### **Appearance**



Notwork	Smart Coding	GOP (Group of pictures control):			
Network	Silial Couling	Off / Low (Variable GOP 1s-8s) / Mid (Variable GOP 4s-16s) /			
		Advanced (Fixed GOP 60s w/1s key-frame) /			
		Frame rate control (Variable GOP 4s-16s with frame rate control)			
		*Advanced and Frame rate control are only available with H.265.			
-		Smart VIQS: On(High)/On(Low)/Off, Smart P-picture control: On/Off			
	Audio Compression	G.726 (ADPCM) : 16 kbps / 32 kbps			
		G.711 : 64 kbps			
		AAC-LC*7 : 64 kbps / 96 kbps / 128 kbps			
	Audio transmission mode	Off / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex)			
	Supported Protocol	IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, SMTP, DNS, NTP, SNMPv1/v2/v3,			
		DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DiffServ, SFTP, MQTT, LLDP			
		IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, RTSP, RTP, RTP/RTCP, SMTP, DHCP, DNS, DDNS, NTP, SNMPv1/v2/v3, UPnP, IGMP,			
		ICMP, ARP, IEEE 802.1X, DiffServ, SRTP, SFTP, MQTT, LLDP			
	No. of Simultaneous Users	Up to 14 users (Depends on network conditions)			
	Secure	FIPS 140-2 level3			
	SDXC/SDHC/SD	H.265 / H.264 recording :			
	Memory Card	Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure			
		JPEG recording :			
		Manual REC / Alarm REC (Pre/Post) / Backup upon network failure			
		Compatible SDXC/SDHC/SD Memory Card : microSDXC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDHC memory card : 4 GB, 8 GB, 16 GB, 32 GB			
		microSD memory card : 2 GB			
	Mobile Terminal Compatibility	iPad, iPhone(iOS 8.0 or later), Android™ terminals			
	ONVIF® Profile	G / M / S / T			
Alarm	Alarm Source	3 terminals input, VMD alarm, Command alarm, Audio detection alarm			
	Alarm Actions	SDXC/SDHC/SD memory recording, E-mail notification,			
		HTTP alarm notification Indication on browser, TCP alarm notification output			
Input/	Monitor Output	VBS : 1.0 V [p-p] / 75 Ω, composite, Pin jack			
Output	(for adjustment)	An NTSC or PAL signal can be outputted from camera			
	Audio input <sup>*8</sup>	ø3.5 mm stereo mini jack			
	For microphone input :	Recommended applicable microphone : Plug-in power type			
		(Sensitivity of microphone : -51 dB to -38 dB (0 dB=1 V/Pa, 1 kHz))			
		Input impedance : Approx. 2 kΩ (unbalanced)			
		Supply voltage: 2.5 V ±0.5 V			
	For line input :	Input level : Approx. –10 dBV			
	Audio Output*8	ø3.5 mm stereo mini jack (monaural output)			
		Output impedance : Approx. 600 $\Omega$ (unbalanced)			
		Output level : -20 dBV			
	External I/O Terminals*8	ALARM IN 1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (x1)			
		ALARM IN 1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1)			
General	Safety	ALARM IN 1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1) UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1			
General	Safety EMC	ALARM IN 1 (Alarm input 1) Black & white input J Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) U(IU62388-1), C-UL (CSA C22 2 No. 62368-1), CE, IEC62388-1 FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035			
General	Safety EMC Power Source and	ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT), (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) UL (UL62368-1), C-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 DC power supply 78: DC12 V 1.0 A, Approx. 12.0 W			
General	Safety EMC Power Source and Power Consumption	ALARM IN 1 (Alarm input 1) Black & white input   Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) (ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) UL (ULG2368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 PCC (Part15 ClassA), ICE5-003 ClassA, EN55032 ClassA, EN55035 DC power supply 8 : DC12 V 1.0 A, Approx. 12.0 W PoE (IEEE802.3af compliant) Device : DC48 V 240 mA, Approx. 11.5 W (Class 0 device)			
General	Safety EMC Power Source and Power Consumption Ambient Operating	ALARM IN 1 (Alarm input 1) Black & white input J Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) U(IU62368-1), C-IL (C6X C22, 2 No. 62368-1), C-IL (F6C2368-1) FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 DC power supply 8 : DCT2 V 1.0 A, Approx. 12.0 W PC (IEEE02 3.74 compliant) Device : DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -40 °C to +60 °C (-40 °F to 140 °F) °9			
General	Safety EMC Power Source and Power Consumption Ambient Operating Temperature	ALARM IN 1 (Alarm input 1) Black & white input   Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) UL (UL62368-1), C-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 DC power supply '8: DC12 V 1.0 A, Approx. 12.0 W P0E (IEEE802.3af complaint) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -40 °C to +60 °C (-40 °F to 140 °F) '9 (Power On range: -30 °C to +60 °C {-22 °F to +140 °F})			
General	Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity	ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) UL (UL62368-1), C-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 DC power supply '8 : DC12 V 1.0 A, Approx. 12.0 W P0E (IEEE802.3af compliant) Device : DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -40 °C to +60 °C (-40 °F to 140 °F) '9 (Power On range : -30 °C to +60 °C {-22 °F to +140 °F}) 10 to 100 % (no condensation)			
General	Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System	ALARM IN 1 (Alarm input 1) Black & white input J Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) U(IU62368-1), C-U. (CSA C2.2 No. 62368-1), C-E. (FEG2368-1) FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 DC power supply 8: DC12 V 1.0 A, Approx. 12.0 W POE (IEEE802.34 compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -40 °C to +60 °C (-40 °F to 140 °F) °9 (Power On range: -30 °C to +60 °C (-22 °F to +140 °F)) 10 to 100 % (no condensation) Temish element + Heatter + moisture absorption gel			
General	Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance	ALARM IN 1 (Alarm input 1) Black & white input J Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) L(IL(62368-1), C-LL (CAS C-22 2 No. 62368-1), C-E, IEC62368-1 FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 DC power supply 8°. DC12 V 1.0 A, Approx. 12.0 W PCE (IEEE802.3af compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -40°C to +60°C (-40°F to 140°F)°9 (Power On range: -30°C to +60°C (-22°F to +140°F)) 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant			
General	Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System	ALARM IN 1 (Alarm input 1) Black & white input J Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) U(IU62368-1), C-IU (CSC C2-2, No. 62368-1), C-IU (FG62368-1) FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 DC power supply 8: DC12 V 1.0 A, Approx. 12.0 W POE (IEEE802.34 compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -40 °C to +60 °C (-40 °F to 140 °F) °9 (Power On range: -30 °C to +60 °C (-22 °F to +140 °F) 10 to 100 % (no condensation) Temish element + Heatter + moisture absorption gel			
General	Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance	ALARM IN 1 (Alarm input 1) Black & white input J Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) L(IL(62368-1), C-LL (CAS C-22 2 No. 62368-1), C-E, IEC62368-1 FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 DC power supply 8°. DC12 V 1.0 A, Approx. 12.0 W PCE (IEEE802.3af compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -40°C to +60°C (-40°F to 140°F)°9 (Power On range: -30°C to +60°C (-22°F to +140°F)) 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant			
General	Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance	ALARM IN 1 (Alarm input 1) Black & white input) Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) UL (ULG2368-1), C-UL (CSA C22.2 No.62368-1), CE, IECG2368-1 FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 DC power supply '8: DC12 V 1.0 A, Approx. 12.0 W PoE (IEEE802.3af compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -40 °C to +60 °C (-40 °F to 140 °F) '9 (Power On range: -30 °C to +60 °C {-22 °F to +140 °F}) 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel 1P66, IECG0529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant IK10 (IEC 62262)			
General	Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Dimensions	ALARM IN 1 (Alarm input 1) Black & white input J Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) U(IUE2386-1), C-UL (CSA CZ-2, No.62368-1), C-U. (EG2368-1) FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 DC power supply®: DC12 V 1.0 A, Approx. 12.0 W P06 (IEE5802,316 compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -40 °C to +60 °C (-40 °F to 140 °F)°9 (Power On range: -30 °C to +60 °C (-22 °F to +140 °F)) 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant IK10 (IEC 62262) ø154 mm x 105 mm (H) {ø6-1/16 inches x 4-1/8 inches (H)}			
General	Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Dimensions Mass (approx.)	ALARM IN 1 (Alarm input 1) Black & white input   Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) U (IU62368-1), C-LI (C63 C22 2 No.62368-1), C-LI (C62368-1) FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 DC power supply % : DCT2 V 1.0 A, Approx. 12.0 W PCE (IEEE802.3af compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -40 °C to +60 °C (-40 °F to 140 °F) 9 (Power On range: -30 °C to +60 °C (-22 °F to +140 °F)) 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant IKTO (IEC 62262) al54 mm x 105 mm (H) {@6-1/16 inches x 4-1/8 inches (H)} Approx. 1.1 kg {2.431bs.}			

<sup>&</sup>lt;sup>17</sup> When recording audio on an microSD memory card, only use AAC-LC (Advanced Audio Coding - Low Complexity).

\*8 When using with these, WV-QCA501A cable is required.

### Al Analytics applications

https://i-pro.com/global/en/surveillance/products/i-pro-ai-application

#### AI Video Motion Detection (AI-VMD)

Advanced video analysis technology detects objects (faces, people, cars, motorcycles) in a specified area. (Intruder Detection, Loitering Detection, Direction Detection, Cross Line Detection)

#### **AI Privacy Guard**

To protect privacy and portrait rights, it is possible to automatically apply a mosaic the entire face and figure of a person photographed by the camera.

#### Al Face Detection

Detects faces with high precision even in low-light, backlit, and mask-wearing environments.

#### **Al People Detection**

Extract the characteristics of human face / clothing and classify them into meaningful categories such as gender, age, and clothing color.

#### Al Vehicle Detection

Extract vehicle characteristics and classify them into meaningful categories such as type and color.

#### Al Non mask Detection

Deep-learning and proprietary image processing technologies recognize mask and detect people who are not wearing them.

**Al Occupancy Detection**Detecting the congestion via network camera with Al engine enables that information to be used direct visitors in advance or help store staff work more efficiently.

3rd party applications are also available.

 $https: \hbox{$//$i-pro.com/global/en/surveillance/i-pro-application-platform/application-list}$ 

<sup>\*2</sup> When 60 fps or 50 fps is selected, the Super Dynamic function is automatically set to off.
\*3 When the 60 fps mode, 50 fps mode, 15 fps mode or 12.5 fps mode is used, the "90°" and "270°" settings are not available. When the 320x180 resolution is used, the "90°" and "270°" settings are not available.

<sup>\*4</sup> For information on the operation verification of the supported web browsers, refer to our support website <Control No.: C0132>.

<sup>\*5</sup> Used by super resolution techniques
\*6 Transmission for 4 streams can be individually set.

<sup>\*9</sup> When using with the IR LED light constantly lit, the upper limit of the operating temperature range is +50 °C {+122 °F}.

## **Optional Accessories**

#### Fiber Optic Media Converter Unit

Fiber-optic Media Converter Unit Fiber Optic Media Converter Unit supports long distance optical networks by converting copper RJ45 to fiber.

WV-S25F1



• Basic specifications

Power source	24 V AC(50 Hz/60 Hz)
Ambient Operating Temperature :	-40 °C to +60 °C {-40 °F to 140 °F} (Power On range: -30 to +60 {-22 °F to 140 °F})
Ambient Operating Humidity :	10 % to 100 %(no condensation)
Waterproof	IP66(IEC60529)
Shock resistance	IK10(IEC62262)
•	

\*This unit requires an SFP module.

\*Refer to website for compatible SFP modules. https://i-pro.com/global/en/surveillance/training-support/support/technical-information <Control No.: C0504>

• Support specifications for SFP module

SFP Port Type	LC type		
Ethernet Speed	100/1000 Mbps		
Supply voltage, current	3.3 V typical, Max. 300 mA		
SFP Cage	Standard mini-SFP cage		
	(For 6.5 mm pitch SFP)		

\*Different Color Model WV-X65F1 (Fine silver)

#### Mount Bracket / Other

	WALL			POLE	CORNER	HANGING	
	1	2	3	1	1	1	2
	Wall Mount Bracket WV-QWL501-W (i-PRO white)	Wall Mount Bracket WV-QWL500-W (i-PRO white)	Sun Shade WV-QSR500-W (i-PRO white)	Pole Mount Bracket <b>WV-QPL500-W</b> (i-PRO white)	Corner Mount Bracket  WV-QCN500-W (i-PRO white)	Ceiling Mount Bracket WV-QCL501-W (i-PRO white)	Ceiling Mount Bracket WV-QCL100-W *1 (i-PRO white)
bination			<b>(0)</b>				*For indoor installation only.
com	Mount Bracket WV-QSR501-W (i-PRO white)	Adapter Box WV-QJB500-W (i-PRO white)	Base Bracket WV-QJB501-W (i-PRO white)	Wall Mount Bracket  WV-QWL500-W (i-PRO white) (+ WV-QJB500-W)	Wall Mount Bracket WV-QWL500-W(i-PRO white) (+ WV-QJB500-W)	Mount Bracket WV-QSR501-W (i-PRO white)	
		*If needed.		+ 0	+ 0	3	3rd.parties pipe

		OTHER		
	1	2	3	1
combination	Ceiling Mount Bracket (Embedded) WV-QEM500-W (i-PRO white)	Base Bracket WV-QJB501-W (i-PRO white)	Ceiling Mount Bracket WV-Q105A  *For indoor installation only.	Attachment pipe (For 3rd party bracket) WV-QAT500-W (i-PRO white)
comb		Mount Bracket WV-QSR501-W (i-PRO white)		

<sup>\*1:</sup> It's possible to be used on the camera side and ceiling side. If used on both side, 2pieces are required.

#### Dome Cover



Dome Cover (Smoke type with ClearSight coating) WV-CW7SN



#### RJ45 Ethernet Cable WV-QCA500A

Cable





- \*WV-QCA500APK and WV-QCA501APK are package of 10 cables.
- \*The color of the grommet rubber may differ depending on the production time, but the performance and mounting method will not change.

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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. • Masses and dimensions are approximate. • Specifications are subject to change without notice.

