

# WV-S65501-Z1 WV-S65501-Z1G

(-G:Smoke Dome type)

### S-series PTZ camera with AI Engine

## 5MP 10x Outdoor PTZ Network Camera

S-series models come standard with AI automatic tracking. It can automatically detect, zoom, and track intruders in a wide area, thereby supporting surveillance operators in many scenes. It also achieves the industry's highest level of drive durability to withstand high-speed and high-frequency camera movement by the automatic monitoring function.

#### Al monitoring camera, standard with Al Auto-tracking

- Al analysis functionality is standard on the camera side to promote automated surveillance. Accurately detects people and vehicles and automatically zooms in on intruders. Support surveillance operators to ensure that no tracked object is missed.

Additional applications can be installed (up to two applications) to expand analysis functions such as Al privacy guard, person/vehicle attribute detection, etc.

#### Highly durable pan-tilt drive unit Reduced maintenance costs

- High durability gear drive achieves PAN and TILT drive durability (3.7 million movements). Low failure rate even with high frequency drive and reduced maintenance cost by minimizing the maintenance cycle.

#### **Easy installation**

- S-series compact PTZ cameras can be installed discreetly and easily on low ceilings.
- Easy kitting packaging allows the camera to be set up without removing it from the box during kitting prior to installation.
- The 10x models of the S-Series outdoor DOME are shipped with a waterproof LAN extension cable installed. The DOME can be installed without opening the DOME at sites where conventional pigtails are used.
- The addition of a diverse lineup of mounting brackets and optional PoE injectors enables flexible installation regardless of the location of new or existing installations.

#### High security standard

- Highest level of security. In addition to digital certificates issued by a third-party organization (GlobalSign®), FIPS 140-2 Level 3 certified EdgeLock® SE050F secure element (NXP® Semiconductors) is embedded.

#### Key i-PRO Spec.

- 5MP
- 10x optical zoom
- Intelligent Auto (with AI Engine)
- Super Dynamic 132dB
- Color night vision (0.007 to 0.11 lx) (G: 0.020 to 0.32 lx)
- Durable Pan/Tilt gear mechanism

- IP66, IK10 certified
- $\bullet$  ONVIF® Profile G / M / S / T \*ONVIF is a trademark of ONVIF, Inc.
- FIPS 140-2 level 3 certified

  \*Built-in EdgeLock® SE050F (NXP® Semiconductors)
- NDAA Compliant



WV-S65501-Z1



WV-S65501-Z1G (Smoke Dome)



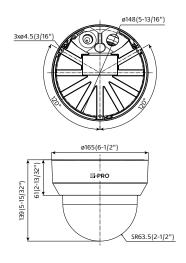


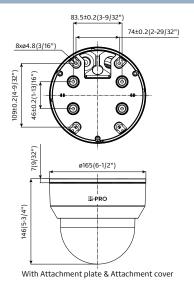
#### Specifications

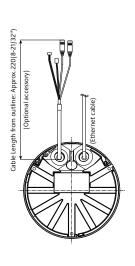
	ifications	Approx 1/2 8 type CMOS image conser			
Camera	Image Sensor Minimum Illumination	Approx. 1/2.8 type CMOS image sensor			
	willingum illumination	Color: 0.11 lx (G: 0.32 lx) (50IRE, F1.6, 1/30s) Color: 0.007 lx (G: 0.020 lx) (50IRE, F1.6, 16/30s)*1			
		BW: 0.06 lx (G: 0.18 lx) (50IRE, F1.6, 1/30s)			
		BW: 0.00 ix (G: 0.18 ix) (50 ix E, F1.6, 1/30s) BW: 0.004 ix (G: 0.011 ix) (50 ix E, F1.6, 16/30s)			
	White Balance	ATW1 / ATW2 / AWC			
	Shutter Speed	[30 fps/15 fps mode] 1/30 Fix to 1/10000 Fix			
	Shatter speed	[25 fps/12.5 fps mode] 1/25 Fix to 1/10000 Fix			
Intelligent Auto		On / Off			
	Super Dynamic	On / Off, The level can be set in the range of 0 to 31.			
	Dynamic Range	Max.132 dB (Super Dynamic : On, Level 31)			
	Dynamic Kange	*When the level is set more than 30, frame rate is limited to 15fps			
	Adaptive Black Stretch	The level can be set in the range of 0 to 255.			
	Back light compensation				
	High light compensation	The level can be set in the range of 0 to 31 (only when Super dynamic / Intelligent Auto : Off)			
	Fog compensation	On / Off, The level can be set in the range of 0 to 8			
	r og compensation	(only when Intelligent auto / auto contrast adjust : Off)			
	Maximum gain (AGC)	The level can be set in the range of 0 to 11.			
	Color/BW (ICR)	Off / On / Auto1 / Auto2 / Auto3 (SCC)			
	Digital Noise Reduction	The level can be set in the range of 0 to 255.			
	Video Motion Detection (VM				
	Scene Change Detection (SCI				
	Audio Detection	On / Off			
	Al Sound Classification	Gunshot, Yell, Vehicle horn, Glass break			
	Al Analytics	Yes			
	Privacy Zone	On / Off, Up to 32 zones available			
	VIQS				
		On / Off, Up to 8 zones available			
	Image Stabilizer	On / Off			
	Camera Title (OSD)	On / Off, Up to 40 characters (alphanumeric characters, marks)			
	Focus Adjustment	Auto focus			
Lens	Optical zoom	10x (Motorized zoom / Motorized Focus)			
	Extra zoom	Max. 15x (10 to 15x : When resolution is 1280 x 720)			
	Focal length	4.7 - 47 mm {3/16 inches - 1-27/32 inches}			
	Angular Field of View	[16:9 mode]			
		Horizontal: 6.2° (TELE) – 58° (WIDE), Vertical: 3.5° (TELE) – 34° (WIDE)			
		[ 4 : 3 mode]			
	Maniana Assatus Batis	Horizontal : 6.2° (TELE) - 58° (WIDE), Vertical : 4.6° (TELE) - 44° (WIDE)			
	Maximum Aperture Ratio	1:1.6 (WIDE) - 1:3.0 (TELE)			
DORI	Focus range	1.5 m {59-1/16 inches} – ∞			
DORI	Detect (25ppm / 8ppf)	Wide: 92.4 m / 110.8 m ( 303 ft / 363.7 ft), Tele: 945.4 m / 1134.5 m (3101.6 ft / 3722 ft)			
	Observe (62.5ppm / 19p)				
	Recognize (125ppm / 38pp				
	Identify (250ppm / 76pp	Wide: 9.2 m / 11.1 m ( 30.3 ft / 36.4 ft), Tele: 94.5 m / 113.4 m ( 310.2 ft / 372.2 ft)			
	n Chip (SoC)	Ambarella CV22			
Adjusting		Horizontal: 360° Endless Panning, Vertical: -15° to +195°, Yaw: 0°			
Pan/tilt	Panning Range	360° Endless Panning			
	Panning Speed	Manual: Approx. 0.065°/s – 150°/s			
		Preset: Up to approx. 500 °/s (PoE+)			
	Tilking Dang	Preset: Up to approx. 350 °/s (DC12V, PoE)			
	Tilting Range	Operational -15 - +195°			
	Tilting Speed	Manual: Approx. 0.065°/s –150°/s			
		Preset: Up to approx. 500 °/s (PoE+)			
	D 10 11	Preset: Up to approx. 300 °/s (DC12V, PoE)			
	Preset Positions	256 positions			
	Auto Mode	Auto Track / Auto pan / Preset sequence / Patrol			
Danie	Self Return	10 s/ 20 s/ 30 s/ 1 min/ 2 min/ 3 min/ 5 min/ 10 min/ 20 min/ 30 min/ 60 min			
Browser GUI	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	English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese			
	Browser*2	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*3, 2560x1440, 1920x1080, 1280x720, 640x360, 320x180			
		[4 : 3 mode (30 fps mode)], [4 : 3 mode (25 fps mode)]			
		3072x2304*3, 2560x1920, 1280x960, 800x600, VGA, 400x300, 320x240			
	H.265/ Transmission Mod				
	H.265/ Transmission Mod H.264*4 Transmission Type JPEG Image Quality				

Network	Smart Coding	GOP (Group of pictures) control:		
Network		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 Coding: Auto VIQS: On/Off  G.726 (ADPCM): 16 kbps / 32 kbps		
	Audio Compression			
	Addio Compression	G.711 : 64 kbps		
		AAC-LC*5 : 64 kbps / 96 kbps / 128 kbps		
	Audio transmission mode	Off / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duple		
	Supported Protocol	IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, SMTP, DNS, NTP, SNMPv1/v2/v: DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DiffServ, SFTP, MQTT, LLC 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, NTCIP		
	No. of Simultaneous Users	Up to 14 users (Depends on network conditions)		
	Secure	FIPS 140-2 level 3 (NXP® EdgeLock® SE050F),		
	Jecuie	Device Certificate GlobalSign® pre-installed, User authentication,		
	spys lspy s lsp	Host authentication, HTTPS, Data encryption, 802.1X Support		
	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/	Audio input	ø3.5 mm stereo mini jack		
Output	For microphone input :	Recommended applicable microphone : Plug-in power type		
Output	Tor inicrophone input.	(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 : Approx10 dBV		
	Audio Output	ø3.5 mm stereo mini jack (monaural output)		
		Output impedance : Approx. 600 Ω (unbalanced)		
		Output level : -20 dBV		
	External I/O Terminals	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) (		
General				
General	Safety	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1		
General	Safety EMC			
General	,	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1		
General	EMC	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035		
General	EMC Power Source and	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035 DC12 V, POE (IEEE802.3af), PoE+ (IEEE802.3at) When using at TILT rotation speed 300dps		
General	EMC Power Source and	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035 DC12 V, POE (IEEE802.3af), PoE+ (IEEE802.3at) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W		
General	EMC Power Source and	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035 DC12 V, PoE (IEEB802.adf), PoE+ (IEEE802.3at) When using at TILT rotation speed 300dps DC12 V:1.3 A / approx. 15.4 W POE DC 48 V: 270 mA / approx. 12.95 W (Class 0 device)		
General	EMC Power Source and	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Parti5 ClassA), ICES-003 ISSUB 7 ClassA, EN55032 ClassA, EN55035 DC12 V, Po E (IEEE802.3a1), PoE+ (IEEE802.3at) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W POE DC 48 V: 270 mA / approx. 12.95 W (Class 0 device) When using at TILT rotation speed 500dps		
General	EMC Power Source and Power Consumption	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035 DC12 V, POE (IEEE802.3af), PoE+ (IEEE802.3at) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W POE DC 48 V: 270 mA / approx. 19.95 W (Class 0 device) When using at TILT rotation speed 500dps POE+ DC 54 V: 350 mA / approx. 18.9 W (Class 4 device)		
General	EMC Power Source and Power Consumption  Ambient Operating	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICE5-003 Issue 7 ClassA, EN55032 ClassA, EN55035 DC12 V, POE (IEEE802.3af), PoE+ (IEEE802.3at) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W PoE DC 48 V: 270 mA / approx. 19.95 W (Class 0 device) When using at TILT rotation speed 500dps PoE+ DC 54 V: 350 mA / approx. 18.9 W (Class 4 device) -30 °C to +55 °C (-22 °F to +131 °F)		
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General	EMC Power Source and Power Consumption  Ambient Operating Temperature	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICE5-003 Issue 7 ClassA, EN55032 ClassA, EN55035 DC12 V, POE (IEE802.3af), PoE+ (IEE802.3at) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W POE DC 48 V: 270 mA / approx. 12.95 W (Class 0 device) When using at TILT rotation speed 500dps POE+ DC 54 V: 350 mA / approx. 18.9 W (Class 4 device) -30 °C to +55 °C (-22 °F to +131 °F) (Power On range : -20 °C to +55 °C (-4 °F to +131 °F)) Maximum temperature according to NEMA TS2(2.2.7): 74 °C(165 °F)		
General	EMC Power Source and Power Consumption  Ambient Operating Temperature  Ambient Operating Humidity	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (PartIS ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035 DC12 V, POE (IEE802.3af), PoE+ (IEE802.3at) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W PoE DC 48 V: 270 mA / approx. 19.95 W (Class 0 device) When using at TILT rotation speed 500dps PoE+ DC 54 V: 350 mA / approx. 18.9 W (Class 4 device) -30 °C to +55 °C (-22 °F to +131 °F) (Power On range : -20 °C to +55 °C (-4 °F to +131 °F)) Maximum temperature according to NEMA TS2(2.2.7): 74 °C(165 °F) 10 to 100 % (no condensation)		
General	EMC Power Source and Power Consumption  Ambient Operating Temperature  Ambient Operating Humidity Anti-Condensation System	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Parti5 ClassA), ICE5-003 ISSUB 7 ClassA, EN55032 ClassA, EN55035 DC12 V, PoE (IEEE802.3a1), PoE+ (IEEE802.3at) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W POE DC 48 V: 270 m A / approx. 12.95 W (Class 0 device) When using at TILT rotation speed 500dps PoE+ DC 54 V: 350 m A / approx. 18.9 W (Class 4 device) -30 °C to 455 °C (-22 °F to +131 °F) (Power On range : -20 °C to +55 °C (-4 °F to +131 °F)) Maximum temperature according to NEMA T52(2.2.7) : 74 °C(165 °F) 10 to 100 % (no condensation) Temish element		
General	EMC Power Source and Power Consumption  Ambient Operating Temperature  Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035 DC12 V, Po E (IEER802.381), PoE+ (IEER802.381) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W POE DC 48 V: 270 mA / approx. 12.95 W (Class 0 device) When using at TILT rotation speed 500dps PoE+ DC 54 V: 350 mA / approx. 18.9 W (Class 4 device) -30 °C to +55 °C (-22 °F to +131 °F) (Power On range: -20 °C to +55 °C (-4 °F to +131 °F)) Maximum temperature according to NEMA TS2(2.2.7): 74 °C (165 °F) 10 to 100 % (no condensation) Temish element IP66, IEC60S29 measuring standard compatible, Type 4X(UL50E), NEMA 4X complian		
General	EMC Power Source and Power Consumption  Ambient Operating Temperature  Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035 DC12 V, POE (IEE802.3af), PoE+ (IEE802.3at) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W POE DC 48 V: 270 mA / approx. 12.95 W (Class 0 device) When using at TILT rotation speed 500dps POE+ DC 54 V: 350 mA / approx. 18.9 W (Class 4 device) -30 °C to +55 °C (-22 °F to +131 °F) (Power On range: -20 °C to +55 °C (-4 °F to +131 °F)) Maximum temperature according to NEMA T52(2.2.7): 74 °C(165 °F) 10 to 100 % (no condensation) Temish element IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X complia		
General	EMC Power Source and Power Consumption  Ambient Operating Temperature  Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (PArt15 ClassA), ICE5-O03 ISSUB 7 ClassA, EN55032 ClassA, EN55035 DC12 V, PoE (IEEE802.3af), PoE+ (IEEE802.3at) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W POE DC 48 V: 270 m A / approx. 12.95 W (Class 0 device) When using at TILT rotation speed 500dps PoE+ DC 54 V: 350 m A / approx. 18.9 W (Class 4 device) -30 °C to 455 °C (-22 °F to +131 °F) (Power On range :-20 °C to +55 °C {-4 °F to +131 °F}) Maximum temperature according to NEMA T52(2.2.7): 74 °C(165 °F) 10 to 100 % (no condensation) Temish element   P66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X complia		
General	EMC Power Source and Power Consumption  Ambient Operating Temperature  Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035 DC12 V, POE (IEE802.3af), PoE+ (IEE802.3at) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W POE DC 48 V: 270 mA / approx. 12.95 W (Class 0 device) When using at TILT rotation speed 500dps POE+ DC 54 V: 350 mA / approx. 18.9 W (Class 4 device) -30 °C to +55 °C (-22 °F to +131 °F) (Power On range: -20 °C to +55 °C (-4 °F to +131 °F)) Maximum temperature according to NEMA T52(2.2.7): 74 °C(165 °F) 10 to 100 % (no condensation) Temish element IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X complia		
General	EMC Power Source and Power Consumption  Ambient Operating Temperature  Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Other standard support	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (PArt15 ClassA), ICE5-O03 ISSUB 7 ClassA, EN55032 ClassA, EN55035 DC12 V, PoE (IEEE802.3af), PoE+ (IEEE802.3at) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W POE DC 48 V: 270 m A / approx. 12.95 W (Class 0 device) When using at TILT rotation speed 500dps PoE+ DC 54 V: 350 m A / approx. 18.9 W (Class 4 device) -30 °C to 455 °C (-22 °F to +131 °F) (Power On range :-20 °C to +55 °C {-4 °F to +131 °F}) Maximum temperature according to NEMA T52(2.2.7): 74 °C(165 °F) 10 to 100 % (no condensation) Temish element   P66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X complia		
General	EMC Power Source and Power Consumption  Ambient Operating Temperature  Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Other standard support Dimensions	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (PartIS ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035 DC12 V, Po E (IEER802.3a1), PoE+ (IEER802.3a1) When using at TILT rotation speed 300dps DC12 V: 1.3 A / approx. 15.4 W PoE DC 48 V: 270 m A / approx. 12.95 W (Class 0 device) When using at TILT rotation speed 500dps PoE+ DC 54 V: 350 m A / approx. 18.9 W (Class 4 device) -30 °C to +55 °C (~22 °F to +131 °F) (Power On range: -20 °C to +55 °C (~4 °F to +131 °F)) Maximum temperature according to NEMA TS2(2.2.7): 74 °C(165 °F) 10 to 100 % (no condensation) Temish element IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X complia IR10 (IEC 62262) NEMA TS2(2.2.7-2.2.9) ø165 mnn x 139 mm (H) {ø6-1/2 inches x 5-15/32 inches (H)}		
General	EMC Power Source and Power Consumption  Ambient Operating Temperature  Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Other standard support Dimensions Mass (approx.)	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICE5-003 Issue 7 ClassA, EN55032 ClassA, EN55035 DC12 V, POE (IEE6802.3af), PoE+ (IEE680.3at) When using at TILT rotation speed 300dps DC12 V: 1.3 A   approx. 15.4 W POE DC 48 V: 270 mA   approx. 12.95 W (Class 0 device) When using at TILT rotation speed 500dps POE+ DC 54 V: 350 mA   approx. 18.9 W (Class 4 device) -30 °C to +55 °C (-22 °F to +131 °F) (Power On range : -20 °C to +55 °C (-4 °F to +131 °F)) Maximum temperature according to NEMA TS2(2.2.7): 74 °C(165 °F) 10 to 100 % (no condensation) Temish element IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X complia IK10 (IEC 62262) NEMA TS2(2.2.7-2.2.9) a165 mm x 139 mm (H) (g6-1/2 inches x 5-15/32 inches (H)} Approx. 1.6 kg (3.53 lbs.)		

## Appearance







Unit: mm (inches)

<sup>\*1</sup> Converted value
\*2 For information on the operation verification of the supported web browsers, refer to our support website <Control No.: C0132>.

<sup>\*3</sup> Used by super resolution techniques

\*4 Transmission for 4 streams can be individually set.

\*5 When recording audio on an microSD memory card, only use AAC-LC (Advanced Audio Coding - Low Complexity).

#### **Optional Accessories**

#### Mount Bracket / Other

		ALL	POLE	CORNER	HANGING		
	1	2	1	1	1	2	
combination	Wall Mount Bracket WV-QWL501-W (i-PRO white)	Wall Mount Bracket WV-QWL500-W (i-PRO white)	Pole Mount Bracket WV-QPL500-W (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)	
	0,					*For indoor installation only.	
	Mount Bracket WV-QSR501-W (i-PRO white)	Adapter Box WV-QJB500-W (i-PRO white)	Wall Mount Bracket WV-QWL501-W (i-PRO white)	Wall Mount Bracket WV-QWL501-W (i-PRO white)	Mount Bracket WV-QSR501-W (i-PRO white)		
	3	"If needed.			3		
			Mount Bracket WV-QSR501-W (i-PRO white)	Mount Bracket WV-QSR501-W (i-PRO white)			
				3			

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

	CEILING			OTHER			
combination	1	2	3	1			
	Base Bracket WV-QJB501-W (i-PRO white)	Ceiling Mount Bracket (Embedded) WV-QEM503-W (i-PRO white) For indoor installation only.	Base bracket WV-QJB504-W (i-PRO white)	3rd Party Pipe (Male or Female type)			
				Mount Bracket WV-QSR501F-W (i-PRO white, ISO Female thread) WV-QSR501M-W (i-PRO white, ISO Male thread)		Mount Bracket WV-QSR501F1-W (White, ANSI Female thread) WV-QSR501M1-W (White, ANSI Male thread)	

#### Dome Cover

Dome Cover (Smoke type) **WV-QDC502G** 



#### Cable

I/O Cable WV-QCA501A WV-QCA501APK



- \*WV-QCA501APK is 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.
- $\bullet \ \text{Masses and dimensions are approximate.} \quad \bullet \ \text{Specifications are subject to change without notice.}$

