

# WV-S22500-V3L WV-S22500-V3LG

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

## **5MP Vandal Resistant Indoor 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.
- \*The kitting process should be done within 1hour. The inside of the camera gets hot and may cause a malfunction.

## **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)
   (-V3LG: 0.15 to 0.20 lx)
- Smart Coding (with AI Engine)
- Built-in IR LED
- Vandal Resistant
- ONVIF® Profile G / M / S / T \*ONVIF is a trademark of ONVIF, Inc.

#### **Industry examples**

- Airport (Passport control / Security checkpoint / Ticket counter)
- Retail / Bank / Education / Hospital / Building







WV-S22500-V3LG (Smoke Dome)

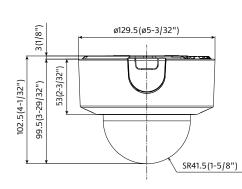


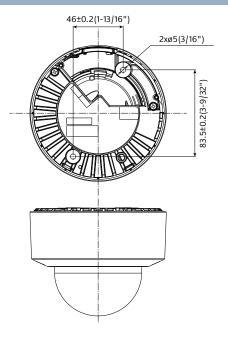
## Specifications

Com	ifications	Approx 1/2 9 type CMOS image con		
Camera	Image Sensor	Approx. 1/2.8 type CMOS image sensor		
	Minimum Illumination	Color: 0.05 lx (-V3LG: 0.15 lx) (30IRE, F1.3, 1/30s) *1		
		Color: 0.07 lx (-V3LG: 0.20 lx) (50IRE, F1.3, 1/30s)		
		BW: 0.04 lx (-V3LG: 0.12 lx) (50IRE, F1.3, 1/30s) BW: 0 lx (50IRE, F1.3, 1/30s with IR LED)		
	White Balance	ATW1 / ATW2 / AWC		
	Shutter Speed	[30fps/15fps mode] 1/30 Fix to 1/10000 Fix [25fps/12.5fps mode] 1/25 Fix to 1/10000 Fix		
	Intelligent Auto	On / Off		
	Super Dynamic*2	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 light compensation	(only when Super dynamic / Intelligent Auto : Off)		
	Fog compensation	On / Off (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 (IR Light Off) / On (IR Light On) / Auto1 (IR Light Off) / Auto2 (IR Light On) / Auto3 (SCC		
	IR LED Light	High / Middle / Low / Off,		
	_	Maximum irradiation distance: 40 m {Approx. 131 ft} (30IRE) *1		
		30 m {Approx. 98 ft} (50IRE)		
		(-V3LG) : 25 m {Approx. 82 ft} (30IRE) *1 20 m {Approx. 66 ft} (50IRE) The level can be set in the range of 0 to 255.		
	Digital Noise Reduction			
	Video Motion Detection (VMD)	-		
	Scene Change Detection (SCD)	On / Off, 1 areas available		
	Audio Detection	On / Off		
	Al Sound Classification	Gunshot, Yell, Vehicle horn, Glass break		
	Al Analytics	Yes On / Off, Up to 8 zones available On / Off, Up to 8 zones available O° / 90° / 180° / 270°		
	Privacy Zone			
	VIQS			
	Image rotation*3			
	Camera Title (OSD)	On / Off, Up to 40 characters (alphanumeric characters, marks)		
	Focus Adjustment	Auto focus		
Lens	Optical zoom	3.1 x (Motorized zoom / Motorized Focus)		
	Extra zoom	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) - 105° (WIDE), Vertical: 19° (TELE) - 56° (WIDE		
		[ 4:3 mode] Horizontal: 33° (TELE) – 105° (WIDE), Vertical: 25° (TELE) – 76° (WID		
	Maximum Aperture Ratio	1:1.3 (WIDE) - 1:2.5 (TELE)		
	Focus range	0.3 m {11-13/16 inches} - ∞		
DORI	Detect (25ppm / 8ppf)	Wide: 47.1 m / 154.7 ft, Tele: 207.4 m / 680.5 ft		
	Observe (62.5ppm / 19ppf)	Wide: 18.9 m / 61.9 ft, Tele: 83.0 m / 272.2 ft		
	Recognize (125ppm / 38ppf)	Wide: 9.4 m / 30.9 ft, Tele: 41.5 m / 136.1 ft		
	Identify (250ppm / 76ppf)	Wide: 4.7 m / 15.5 ft, Tele: 20.7 m / 68.1 ft		
System o	on Chip (SoC)	Ambarella CV22		
Adjusting	g Angle	Horizontal : -240 to +120°, 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	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		
	H.265/ Transmission Mode	Constant bit rate / VBR / Frame rate / Best effort		
	H.264 *6 Transmission Type	Unicast port (AUTO) / Unicast port (MANUAL) / Multicast		
	JPEG Image Quality	10 steps		
	Smart Coding	GOP (Group of pictures control):		
	Smart County			
		Off/ Low (Variable GOP 1s-8s) / Mid (Variable GOP 4s-16s) /		
		Advanced (Fixed GOP 60s w/1s key-frame) /		
		Advanced (Fixed GOP 60s w/1s key-frame) / Frame rate control (Variable GOP 4s-16s with frame rate control)		
		Advanced (Fixed GOP 60s w/1s key-frame) /		

Network	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, LLD			
		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 iPad, iPhone(iOS 8.0 or later). Android™ terminals			
	Mobile Terminal Compatibility				
	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	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			
	For line input : Audio Output				
	· · · · · · · · · · · · · · · · · · ·	Input level : Approx10 dBV			
	· · · · · · · · · · · · · · · · · · ·	Input level : Approx. –10 dBV as. 5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 $\Omega$ (unbalanced) Output level : –20 dBV			
	· · · · · · · · · · · · · · · · · · ·	Input level : Approx10 dBV ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Ω (unbalanced)			
	Audio Output	Input level : Approx. –10 dBV as. 5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 $\Omega$ (unbalanced) Output level : –20 dBV			
	Audio Output	Input level: Approx10 dBV a3.5 mm stereo mini jack (monaural output) Output impedance: Approx. 600 Q (unbalanced) Output level: -20 dBV ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (x ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1) ALARM IN 3 (Alarm input 3/ AUX OUT) (x1)			
General	Audio Output  External I/O Terminals  Safety	Input level: Approx10 dBV a3.5 mm stereo mini jack (monaural output) Output impedance: Approx. 600 Ω (unbalanced) Output level: -20 dBV ALARM IN 1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (x 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	Audio Output  External I/O Terminals	Input level: Approx. –10 dBV a3.5 mm stereo mini jack (monaural output) Output impedance: Approx. 600 Q (unbalanced) Output level: –20 dBV ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (x ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1) ALARM IN 3 (Alarm input 3/ AUX OUT) (x1)			
General	Audio Output  External I/O Terminals  Safety  EMC  Power Source and	Input level: Approx10 dBV a3.5 mm stereo mini jack (monaural output) Output impedance: Approx. 600 Q (unbalanced) Output level: -20 dBV ALARM IN 1 (Alarm input 1) Black & white input / Auto time adjustment input) (x 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: DCI2 V1.0 A, Approx. 12.0 W			
General	Audio Output  External I/O Terminals  Safety EMC Power Source and Power Consumption	Input level: Approx10 dBV a3.5 mm stereo mini jack (monaural output) Output impedance: Approx. 600 Q (unbalanced) Output level: -20 dBV ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (x 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: DCIQ*1 V.0.1 A, Approx. 12.0 W RE (IEEE802.3df compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device)			
General	Audio Output  External I/O Terminals  Safety EMC Power Source and Power Consumption Ambient Operating	Input level: Approx10 dBV a3.5 mm stereo mini jack (monaural output) Output impedance: Approx. 600 Ω (unbalanced) Output level: -20 dBV ALARM IN 1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (x ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1) ALARM IN 3 (Alarm input 3/ AUX OUT) (x1) UL (UL62368-1), C-UL (CSA C2.2. No. 62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 DC power supply: CI2V 1.0. A, Approx. 12.0 W PGE (IEEE0S.23af compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -10 °C to +50 °C (14 °F to 122 °F)			
General	Audio Output  External I/O Terminals  Safety EMC Power Source and Power Consumption Ambient Operating Temperature	Input level: Approx10 dBV a3.5 mm stereo mini jack (monaural output) Output impedance: Approx. 600 Q (unbalanced) Output level: -20 dBV ALARM IN 1 (Alarm input 1) Black & white input / Auto time adjustment input) (x 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 (Part1s ClassA), ICES-030 ClassA, EN55032 ClassA, EN55035 DC power supply: DC12 V1.0 A, Approx. 12.0 W PoE (IEEE802.3af compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -10 °C to +50 °C (14 °F to 122 °F) (Power On range: 0 °C to 50 °C(32°F to 122 °F))			
General	Audio Output  External I/O Terminals  Safety EMC Power Source and Power Consumption Ambient Operating Temperature Shock Resistance	Input level: Approx10 dBV a3.5 mm stereo mini jack (monaural output) Output impedance: Approx. 600 Q (unbalanced) Output impedance: Approx. 600 Q (unbalanced) Output level: -20 dBV ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (x ALARM IN 2 (Alarm input 2) ALARM OUT) (x1) ALARM IN 3 (Alarm input 2) ALARM OUT) (x1) UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 ClassA, EN55035 DC power supply: DCI2 V1.0 A, Approx. 12.0 W PoE (IEEE802.3af compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -10 °C to +50 °C (14 °F to 122 °F) (Power On range: 0 °C to 50 °C (32°F to 122 °F)) IK10 (IEC 62262)			
General	Audio Output  External I/O Terminals  Safety EMC Power Source and Power Consumption Ambient Operating Temperature Shock Resistance Ambient Operating Humidity	Input level : Approx. –10 dBV a3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Ω (unbalanced) Output level : –20 dBV ALARM IN 1 (Alarm input 1/ Black & white input / Auto time adjustment input) (x ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1) ALARM IN 3 (Alarm input 2/ ALARM 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 : DC12V1.0 A, Approx. 12.0 W DE (IEEE802.3af compliant) Device : DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -10 °C to +50 °C (14 °F to 122 °F) (Power On range: 0 °C to 50 °C (32°F to 122 °F)) IK10 (IEC 62262) 10 to 90 % (no condensation)			
General	Audio Output  External I/O Terminals  Safety EMC Power Source and Power Consumption Ambient Operating Temperature Shock Resistance	Input level: Approx10 dBV  ### 3.5 mm stereo mini jack (monaural output)  Output impedance: Approx. 600 \( \Omega \) (unbalanced)  Output level: -20 dBV  ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (x  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 (Part1s ClassA), ICES-03 ClassA, EN55032 ClassA, EN55035  DC power supply: DC12V1.0 A, Approx. 12.0 W  ###################################			
General	Audio Output  External I/O Terminals  Safety EMC Power Source and Power Consumption Ambient Operating Temperature Shock Resistance Ambient Operating Humidity Dimensions	Input level: Approx10 dBV a3.5 mm stereo mini jack (monaural output) Output impedance: Approx. 600 Q (unbalanced) Output level: -20 dBV ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (x ALARM IN 2 (Alarm input 1) ALARM OUT) (x1) ALARM IN 3 (Alarm input 2/ ALARM 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: DCI2 V1.0 A, Approx. 12.0 W PoE (IEEE802.3af compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) -10 "C to +50 "C (14" F to 122" F) IK10 (IEC 62262) 10 to 90 % (no condensation) B129.5 mm x 102.5 mm (H) {65-3/32 inches x 4-1/32 inches (H)} Dome radius 41.5 mm {1-5/8 inches}			
General	Audio Output  External I/O Terminals  Safety EMC Power Source and Power Consumption Ambient Operating Temperature Shock Resistance Ambient Operating Humidity	Input level: Approx10 dBV  ### 3.5 mm stereo mini jack (monaural output)  Output impedance: Approx. 600 Q (unbalanced)  Output level: -20 dBV  ALARM IN 1 (Alarm input 1) Black & white input / Auto time adjustment input) (x  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-03 ClassA, EN55032 ClassA, EN55035  DC power supply: DC12 V1.0 A, Approx. 12.0 W  ###################################			

## **Appearance**





Unit: mm (inches)

Dome cover: Polycarbonate resin, Clear (-V3LG: Smoke)

11 Converted value

12 When 60 fps or 50 fps is selected, the Super Dynamic function is automatically set to off.

13 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.

4 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.

\*7 When recording audio on an microSD memory card, only use AAC-LC (Advanced Audio Coding - Low Complexity).

## **Al Analytics applications**

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

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

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

#### Al 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.

#### AI 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.

3rd party applications are also available.

https://i-pro.com/global/en/surveillance/i-pro-application-platform/application-list

#### 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

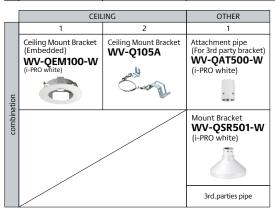
Detecting the congestion via network camera with AI engine enables that information to be used direct visitors in advance or help store staff work more efficiently.

### **Optional Accessories**

#### Mount Bracket / Other

	W	ALL	POLE	CORNER	HANGING	
	1	2	1	1	1	2
	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)
bination			100			
шоэ	Mount Bracket WV-QSR501-W (i-PRO white)	Adapter Box WV-QJB500-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)	
	8	"If needed.	+ 0	+ 0	8	3rd.parties pipe

<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



#### Trademarks and registered trademarks

- GlobalSign and the GlobalSign Logo are registered trademarks of GMO GlobalSign K.K. iPad and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.
- Android is a trademark of Google LLC. - ONVIF is a trademark of ONVIF, Inc
- All other trademarks identified herein are the property of their respective owners.

#### 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.

