

# WV-S22500-F6L

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

## 5MP Vandal Resistant Indoor Dome Network Camera

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.

## 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 (0.08 to 0.11 lx)
- Smart Coding (with AI Engine)
- Built-in IR LED
- IK10 Vandal Resistant
- ONVIF® Profile G / M / S / T \*ONVIF is a trademark of ONVIF, Inc.
- FIPS 140-2 level3 certified

## **Industry examples**

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



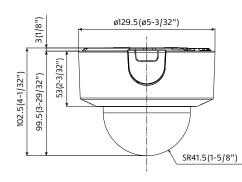


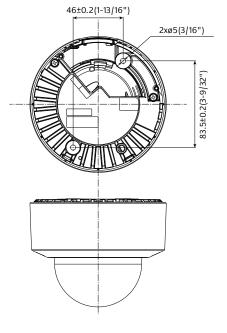
Camera	Image Sensor	Approx. 1/2.8 type CMOS image sensor		
	Minimum Illumination	Color: 0.08 lx (30IRE, F1.6, 1/30s) *1		
		Color: 0.11 lx (50IRE, F1.6, 1/30s)		
		BW: 0.07 lx (50IRE, F1.6, 1/30s) BW: 0 lx (50IRE, F1.6, 1/30s with IR LED) ATW1 / ATW2 / AWC		
	White Balance			
	Shutter Speed	[30fps/15fps mode] 1/30 Fix to 1/10000 Fix		
	Intelligent Auto	[25fps/12.5fps mode] 1/25 Fix to 1/10000 Fix 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)		
	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,		
	IN EED EIGHT	Maximum irradiation distance : 35 m {Approx. 115 ft} (30IRE) *1		
	B: :: 1N : B ! !:	25 m {Approx. 82 ft} (50IRE)		
	Digital Noise Reduction	The level can be set in the range of 0 to 255.		
	Video Motion Detection (VMD)	On / Off, 4 areas available		
	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		
	Privacy Zone	On / Off, Up to 8 zones available		
	VIQS	On / Off, Up to 8 zones available 0 ° / 90 ° / 180 ° / 270 °		
	Image rotation*2			
	Camera Title (OSD)	On / Off, Up to 40 characters (alphanumeric characters, marks)		
Lens	Optical zoom	1x		
	Extra zoom	1x - 3x (when resolution is 640 x 360)		
	Focal length	6.1 mm {1/4 inches}		
	Angular Field of View	[16:9 mode] Horizontal: 48°, Vertical: 27°		
		[ 4:3 mode] Horizontal: 48°, Vertical: 36°		
	Maximum Aperture Ratio	1:1.6		
	Focus range	1.0 m {39-3/8 inches} - ∞		
DORI	Detect (25ppm / 8ppf)	138 m / 452.7 ft		
	Observe (62.5ppm / 19ppf)	55.2 m / 181.1 ft		
	Recognize (125ppm / 38ppf)	27.6 m / 90.5 ft		
	Recognize (125ppm / 38ppf)	27.6 m / 90.5 ft 13.8 m / 45.3 ft		
System o	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf)			
	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC)	13.8 m / 45.3 ft Ambarella CV22		
Adjusting	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle	13.8 m / 45.3 ft Ambarella CV22 Horizontal : -240 to +120°, Vertical : -30 to +85°, Yaw : ±100°		
Adjusting Browser	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC)	13.8 m   45.3 ft Ambarella CV22 Horizontal : -240 to +120°, Vertical : -30 to +85°, Yaw : ±100° Brightness, AUX On   Off		
Adjusting	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle Camera Control	13.8 m   45.3 ft Ambarella CV22 Horizontal : -240 to +120°, Vertical : -30 to +85°, Yaw : ±100° Brightness, AUX On   Off Mic (Line) Input : On   Off Volume adjustment : Low   Middle   High		
Adjusting Browser	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) In Chip (SoC)	13.8 m   45.3 ft Ambarella CV22 Horizontal : -240 to +120°, Vertical : -30 to +85°, Yaw : ±100° Brightness, AUX On / Off Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High		
Adjusting Browser	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle Camera Control Audio GUI / Setup Menu Language	13.8 m   45.3 ft Ambarella CV22 Horizontal : -240 to ±120°, Vertical : -30 to ±85°, Yaw : ±100° Brightness, AUX On   Off Mic (Line) Input : On   Off Volume adjustment : Low   Middle   High Audio Output : On   Off Volume adjustment : Low   Middle   High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese		
Adjusting Browser GUI	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle Camera Control Audio  GUI / Setup Menu Language Browser '3	13.8 m   45.3 ft Ambarella CV22 Horizontal: -240 to +120°, Vertical: -30 to +85°, Yaw: ±100° Brightness, AUX On   Off Mic (Line) Input: On   Off Volume adjustment: Low   Middle   High Audio Output: On   Off Volume adjustment: Low   Middle   High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome		
Adjusting Browser	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) m Chip (SoC) g Angle Camera Control Audio GUI / Setup Menu Language Browser '3 Network IF	13.8 m   45.3 ft Ambarella CV22 Horizontal: -240 to +120°, Vertical: -30 to +85°, Yaw: ±100° Brightness, AUX On   Off Mic (Line) Input: On   Off Volume adjustment: Low   Middle   High Audio Output: On   Off Volume adjustment: Low   Middle   High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 10Base-T   100Base-TX, RJ45 connector		
Adjusting Browser GUI	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle Camera Control Audio GUI / Setup Menu Language Browser <sup>73</sup> Network IF Resolution	13.8 m   45.3 ft Ambarella CV22 Horizontal : -240 to +120°, Vertical : -30 to +85°, Yaw : ±100° Brightness, AUX On   Off Mic (Line) Input : On   Off Volume adjustment : Low   Middle   High Audio Output : On   Off Volume adjustment : Low   Middle   High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 108ase-T   100Base-TX, RI45 connector [16:9 mode (30 fps mode)] [16:9 mode (25 fps mode)]		
Adjusting Browser GUI	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) m Chip (SoC) g Angle Camera Control Audio GUI / Setup Menu Language Browser '3 Network IF	13.8 m   45.3 ft Ambarella CV22 Horizontal : -240 to +120°, Vertical : -30 to +85°, Yaw : ±100° Brightness, AUX On   Off Mic (Line) Input : On   Off Volume adjustment : Low   Middle   High Audio Output : On   Off Volume adjustment : Low   Middle   High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 10Base-T   100Base-T   Ru84 connector [16:9 mode (30 fps mode)] [16:9 mode (25 fps mode)] 3072x1728*4/2560x1440/1920x1080/1280x720/640x360/320x180		
Adjusting Browser GUI	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle Camera Control Audio GUI / Setup Menu Language Browser <sup>73</sup> Network IF Resolution	13.8 m   45.3 ft Ambarella CV22 Horizontal: -240 to +120°, Vertical: -30 to +85°, Yaw: ±100° Brightness, AUX On   Off Mic (Line) Input: On   Off Volume adjustment: Low   Middle   High Audio Output: On   Off Volume adjustment: Low   Middle   High Fagilsh, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 108ase-T   1008ase-TX, RI45 connector [16:9 mode (30 fps mode)][16:9 mode (25 fps mode)] 3072x1728* [2560x1440/1920x1080/1280x720/640x360/320x180 [4:3 mode (30 fps mode)][4:3 mode (25 fps mode)]		
Adjusting Browser GUI	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle Camera Control Audio  GUI / Setup Menu Language Browser '3 Network IF Resolution H.265 / H.264 / JPEG (MJPEG)	13.8 m   45.3 ft Ambarella CV22 Horizontal : -240 to +120°, Vertical : -30 to +85°, Yaw : ±100° Brightness, AUX On   Off Mic (Line) Input : On   Off Volume adjustment : Low   Middle   High Audio Output : On   Off Volume adjustment : Low   Middle   High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 108aser   100Base-Tx, RI45 connector [16:9 mode (30 fps mode)] [16:9 mode (25 fps mode)] 3072x1728*4 2560x1440 1920x1080 1280x720 640x360 320x180 [4:3 mode (30 fps mode)] [14:3 mode (25 fps mode)] 3072x2304*4 2560x1920 1280x360 800x600 VGA 400x300 320x240		
Adjusting Browser GUI	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle  Camera Control  Audio  GUI / Setup Menu Language Browser '3  Network IF Resolution H.265/ H.264/ JPEG (MJPEG)  H.265/ Transmission Mode	13.8 m   45.3 ft Ambarella CV22 Horizontal : -240 to +120°, Vertical : -30 to +85°, Yaw : ±100° Brightness, AUX On   Off Mic (Line) Input : On   Off		
Adjusting Browser GUI	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle Camera Control Audio GUI / Setup Menu Language Browser '3 Network IF Resolution H.265 / H.264 / JPEG (MJPEG) H.264 '5 Transmission Mode H.264 '5	13.8 m   45.3 ft   Ambarella CV22   Ambarella CV24   Am		
Adjusting Browser GUI	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle  Camera Control Audio  GUI / Setup Menu Language Browser '3 Network IF Resolution H.265 / H.264 / JPEG (MJPEG)  H.265 / Transmission Mode H.264 '5 Transmission Type JPEG   Image Quality	13.8 m   45.3 ft Ambarella CV22 Horizontal : -240 to +120°, Vertical : -30 to +85°, Yaw : ±100° Brightness, AUX On   Off Mic (Line) Input : On   Off Volume adjustment : Low   Middle   High Audio Output : On   Off Volume adjustment : Low   Middle   High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 108ase-T   1008ase-Tx, 1845 connector [16:9 mode (30 fps mode)] [16:9 mode (25 fps mode)] 3072x1728*4 2560x1440 1920x1080 1280x720 640x360 320x180 [41:3 mode (30 fps mode)] [14:3 mode (25 fps mode)] 3072x2304*4 2560x1920 1280x960 800x600 VGA 400x300 320x240 Constant bit rate   VBR   Frame rate   Best effort Unicast port (AUTO)   Unicast port (MANUAL)   Multicast 10 steps		
Adjusting Browser GUI	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle Camera Control Audio GUI / Setup Menu Language Browser '3 Network IF Resolution H.265 / H.264 / JPEG (MJPEG) H.264 '5 Transmission Mode H.264 '5	13.8 m   45.3 ft Ambarella CV22 Horizontal : -240 to ±120°, Vertical : -30 to ±85°, Yaw : ±100° Brightness, AUX On   Off Mic (Line) Input : On   Off Volume adjustment : Low   Middle   High Audio Output : On   Off Volume adjustment : Low   Middle   High English, Italian, French, German. Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 10Base-T   100Base-TX, RJ45 connector [16:9 mode (30 fps mode)]][16:9 mode (25 fps mode)] 3072x1728*4/2560x1440/1920x1080/1280x720/640x360/320x180 [4:3 mode (30 fps mode)]] 15 mode (25 fps mode)] 3072x304*4/2560x1920/1280x960/800x600/VGA/400x300/320x240 Constant bit rate   VBR   Frame rate   Best effort Unicast port (AUTO)   Unicast port (MANUAL)   Multicast 10 steps GOP (Group of pictures) control:		
Adjusting Browser GUI	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle  Camera Control Audio  GUI / Setup Menu Language Browser '3 Network IF Resolution H.265 / H.264 / JPEG (MJPEG)  H.265 / Transmission Mode H.264 '5 Transmission Type JPEG   Image Quality	13.8 m   45.3 ft Ambarella CV22  Ambarella CV22  Brightness, AUX On   Off Mic (Line) Input: On   Off Volume adjustment: Low   Middle   High Audio Output: On   Off Volume adjustment: Low   Middle   High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 10Base-T   100Base-TX, RI45 connector [16:9 mode   30 fps mode]] [16:9 mode   25 fps mode)] 3072x1728*4 2560x1440/1920x1080/1280x720/640x360/320x180 [4:3 mode   30 fps mode]][4:3 mode   25 fps mode)] 3072x2304*4 2560x1920/1280x960/800x600/VGA/400x300/320x240 Constant bit rate   VBR   Frame rate   Best effort Unicast port (AUTO)   Unicast port (MANUAL)   Multicast 10 steps  COP (Group of pictures) control: Off   Low (Variable GOP 1s-8s)   Mid (Variable GOP 4s-16s)		
Adjusting Browser GUI	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle  Camera Control Audio  GUI / Setup Menu Language Browser '3 Network IF Resolution H.265 / H.264 / JPEG (MJPEG)  H.265 / Transmission Mode H.264 '5 Transmission Type JPEG   Image Quality	13.8 m   45.3 ft Ambarella CV22 Horizontal : -240 to +120°, Vertical : -30 to +85°, Yaw : ±100° Brightness, AUX On   Off Mic (Line) Input : On   Off Volume adjustment : Low   Middle   High Audio Output : On   Off Volume adjustment : Low   Middle   High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 108aser   1008aser   X, 1445 connector [16:9 mode (30 fps mode)] [16:9 mode (25 fps mode)] 3072x1728*4 2560x1440 1920x1080 1280x720 640x360 320x180 [43:3 mode (30 fps mode)] [14:3 mode (25 fps mode)] 3072x2304*4 2560x1920 1280x960 800x600 VGA 400x300 320x240 Constant bit rate   VBR   Frame rate   Best effort Unicast port (AUTO)   Unicast port (MANUAL)   Multicast 10 steps  GOP (Group of pictures) control: Off  Low (Variable GOP 1s-8s)  Mid (Variable GOP 4s-16s)  Advanced(Fixed COP 60s w 1s key-frame)		
Adjusting Browser GUI	Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) on Chip (SoC) g Angle  Camera Control Audio  GUI / Setup Menu Language Browser '3 Network IF Resolution H.265 / H.264 / JPEG (MJPEG)  H.265 / Transmission Mode H.264 '5 Transmission Type JPEG   Image Quality	13.8 m   45.3 ft Ambarella CV22 Horizontal: -240 to +120°, Vertical: -30 to +85°, Yaw: ±100° Brightness, AUX On   Off Mic (Line) Input: On   Off Volume adjustment: Low   Middle   High Audio Output: On   Off Volume adjustment: Low   Middle   High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 10Base-T   100Base-TX, RI45 connector [16:9 mode   30 fps mode]   16:9 mode   25 fps mode)] 3072x1728*4 2560x1440 1920x1080 1280x720 640x360 320x180 [4:3 mode   30 fps mode]][4:3 mode   (25 fps mode)] 3072x2304*4 2560x1920 1280x960 800x600 VGA 400x300 320x240 Constant bit rate   VBR   Frame rate   Best effort Unicast port (AUTO)   Unicast port (MANUAL)   Multicast 10 steps COP (Group of pictures) control: Off   Low (Variable GOP 1s-8s)   Mid (Variable GOP 4s-16s)		

Network	Audio Compression	G.726 (ADPCM) : 16 kbps / 32 kbps		
		G.711 : 64 kbps		
		AAC-LC*6 : 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, UPPP, IGMP, ICMP, ARP, IEEE 802.1X, DiffServ, SRTP, SFTP, MQTT, LLDP Up to 14 users (Depends on network conditions)		
	No. of Simultaneous Users			
	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	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 : 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) (x		
		ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1)		
		ALARM IN 3 (Alarm input 3/ AUX OUT) (x1)		
General	Safety	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1		
	EMC	FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035		
	Power Source and	DC power supply : DC12 V 880 mA, Approx. 10.6 W		
	Power Consumption	PoE (IEEE802.3af compliant) Device: DC48 V 220 mA, Approx. 10.6 W (Class 0 device		
	Ambient Operating	-10 °C to +50 °C (14 °F to 122 °F)		
	Temperature	(Power On range: 0 °C to 50 °C{32°F to 122 °F})		
	Shock Resistance	IK10 (IEC 62262)		
	Ambient Operating Humidity	10 to 90 % (no condensation)		
	Dimensions	ø129.5 mm x 102.5 mm (H) {ø5-3/32 inches x 4-1/32 inches (H)}		
		Dome radius 41.5 mm {1-5/8 inches}		
	Mass (approx.)	800 q {1.77 lbs.}		
	Finish	Main body : Aluminum die cast, i-PRO white		
		Outer fixing screws : Stainless steel (Corrosion-resistant treatment)		

## **Appearance**

Unit: mm (inches)





<sup>|</sup> Dome cover: Polycarbonate resin, Clear

12 When the 320x180 resolution is used, the "90°" and "270°" settings are not available.

13 For information on the operation verification of the supported web browsers, refer to our support website <Control No.: C0132>.

14 Used by super resolution techniques.

15 Transmission for 4 streams can be individually set.

16 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)

#### **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.

#### 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

	WALL		POLE	CORNER	HAN	GING
	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			
Сош	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)	
		"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.

		ii iieeded.	
	CEIL	OTHER	
	1	2	1
ion	Ceiling Mount Bracket (Embedded) WV-QEM100-W (i-PRO white)	Ceiling Mount Bracket WV-Q105A	Attachment pipe (For 3rd party bracket) WV-QAT500-W (i-PRO white)
combination			Mount Bracket WV-QSR501-W (i-PRO white)
			3rd.parties pipe

### 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.

