

# WV-S8573L WV-S8573LG (-G:Smoke Dome type)

# Industry thinnest\* multi-sensor cameras with AI Engine •the thinnest : I-PRO own research as of February 2022 3x4K(25MP) IR Outdoor Multi-Sensor Network Camera with AI Engine

i-PRO releases 8 the industry thinnest multi-sensor cameras with AI Engine with lineup of 4MP/6MP/4K, 3eyes/4eyes with built-in IR LED. It is installed AI analytics applications which identify people and vehicles automatically, and users are able to start the latest surveillance technologies easily. It is designed to reduce installation time(thin and light weight) and continuous view assistance provides you 360/270-degree continuous images.

# **Key features**

- The thinnest multi-sensor camera (3.5 inches/90 mm) It can be fitted in not only outside, but it also is fitted in inside the facility.
  - (Low profile/Blends in seamlessly with environment)
- Even though it is rated IK10, it achieves the light weight body.
- A variety kinds of AI Apps selection

It can install and use up to 4 different types of AI Apps all together. Using AI 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. Also, new multi-sensor has IR-LED function which will increase AI intruder detection accuracy in the low light environment.

- Easy installation
  - $\cdot$  Just 1 LAN cable covers 3 directions.
  - $\cdot$  Thin and hook architecture make easy installation
  - · Continuous view assistance by using smartphone navigates you the best angle position.
  - · You can change angle by using motorized zoom after installation.\*4MP model only
- High security

New multi-sensor camera has equipped FIPS 140-2 level3 certified hardware to upgrade its security standard. Combining pre-installing digital certificates issued by a third party organization (Global Sign) and this, we can declare i-PRO high security level to those who cares cyber security.

## Key i-PRO Spec.

- 3 x 4K(25MP) 3840x2160 up to 15fps
- $\bullet$  270° coverage with one IP address
- Intelligent Auto (with AI Engine)
- Super Dynamic 120dB
- Color night vision (0.084 to 0.12 lx)
- Smart Coding (with AI Engine)
- Built-in 360° IR LED
- Continuous view assistance
- Wide range tilt angle adjustment mechanism
- ONVIF<sup>®</sup> Profile G / M / S / T
- \*ONVIF is a trademark of ONVIF, Inc.
- FIPS 140-2 level3 certified

## **Industry examples**

- Public safety (City / Highway toll / Parking gate)
- Transportation (Airport / Train / Subway)
- Education
- Retail







### For Global

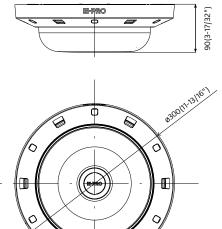
### **Specifications**

Camera	Image Sensor	3x 1/2.8 type CMOS image sensor			
	Minimum Illumination	Color : 0.084 lx (-G: 0.24 lx) {30IRE, F1.44, 1/30 s}*1			
		Color: 0.12 lx (-G: 0.34 lx) {50IRE, F1.44, 1/30 s}			
		BW : 0.05 lx (-G: 0.14 lx) {50IRE, F1.44,1/30 s} BW : 0 lx {50IRE, F1.44, 1/30 s with IR LED}			
	White Balance	ATW1 / ATW2 / AWC			
	Maximum shutter	15 fps mode: Max.1/10000s to Max.16/30s			
		12.5 fps mode: Max.1/10000s to Max.16/25s			
	Intelligent Auto	On / Off			
	Super Dynamic	On / Off, The level can be set in the range of 0 to 31.			
	Dynamic Range	Max.120 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) /			
	High light compensation	Off (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) /			
	IR LED Light	Auto2(IR Light On) / Auto3(SCC) High / Middle / Low / Off			
	IK LED LIGHT				
		Maximum irradiation distance :			
		40 m {Approx. 131 ft} / (-G): 30 m {Approx. 99 ft} (30IRE)*1			
	Digital Noise Reduction	30 m {Approx. 99 ft} / (-G): 21 m {Approx. 69 ft} (50IRE) The level can be set in the range of 0 to 255.			
	Panorama				
	Video Motion Detection (VMD)	Panorama mode (H: 170 deg.) On / Off, 4 areas available			
	Scene Change Detection (VMD)	On / Off, 1 areas available			
	Audio Detection	On / Off			
	All Sound Classification	Selectable from 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 On / Off, Up to 8 zones available 0° (Off) / 90° / 180° (Upside-down) / 270° On / Off, Up to 40 characters, Up to 2 Lines (alphanumeric characters, marks)			
	Image rotation <sup>*2</sup>				
	Camera Title (OSD)				
	Focus Adjustment				
Lens	Optical zoom	1x			
	Extra zoom	max 6x (when resolution is 640x360)			
	Focal length	3.1 mm {1/8 inches}			
	Angular Field of View	Horizontal : 108°, Vertical : 56°			
	Maximum Aperture Ratio	1:1.4			
	Focus range	3 m {9.84 ft} - ∞			
DORI					
	Detect (25ppm / 8ppf)	56.8 m / 186.4 ft			
	Observe (62.5ppm / 8ppf)	56.8 m / 186.4 ft 22.7 m / 74.6 ft			
	Observe (62.5ppm / 19ppf)	22.7 m / 74.6 ft			
System o	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf)	22.7 m / 74.6 ft 11.4 m / 37.3 ft			
	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC)	22.7 m / 74.6 ft 11.4 m / 37.3 ft 5.7 m / 18.6 ft			
	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC)	22.7 m / 74.6 ft 11.4 m / 37.3 ft 5.7 m / 18.6 ft Ambarella CV2			
	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC)	22.7 m / 74.6 ft 11.4 m / 37.3 ft 5.7 m / 18.6 ft Ambarella CV2 Camera 1, 2, 3:			
	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC)	22.7 m / 74.6 ft 11.4 m / 37.3 ft 5.7 m / 18.6 ft Ambarella CV2 Camera 1, 2, 3: Horizontal : ±125° (Adjust by horizontal (PAN) angle)			
	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC)	22.7 m / 74.6 ft 11.4 m / 37.3 ft 5.7 m / 18.6 ft Ambarella CV2 Camera 1, 2, 3: Horizontal : ±125° (Adjust by horizontal (PAN) angle) Vertical : ±10° to ±105° (Adjust by vertical (TILT) angle)			
	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC)	22.7 m / 74.6 ft 11.4 m / 37.3 ft 5.7 m / 18.6 ft Ambarella CV2 Camera 1, 2, 3: Horizontal : ±125° (Adjust by horizontal (PAN) angle) Vertical : ±10° to ±105° (Adjust by vertical (TILT) angle) Yaw : ±90° (Adjust by azimuth (YAW) angle)			
	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC)	22.7 m / 74.6 ft 11.4 m / 37.3 ft 5.7 m / 18.6 ft Ambarella CV2 Camera 1, 2, 3: Horizontal : ±125° (Adjust by horizontal (PAN) angle) Vertical : ±10° to ±105° (Adjust by vertical (TILT) angle) Yaw : ±20° (Adjust by azimuth (YAW) angle) Twist : ±30°			
\djusting	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC) g Angle	22.7 m /       74.6 ft         11.4 m /       37.3 ft         5.7 m /       18.6 ft         Ambarella CV2       Camera 1, 2, 3:         Horizontal :       ±125° (Adjust by horizontal (PAN) angle)         Vertical :       ±105° (Adjust by vertical (TILT) angle)         Yaw :       ±90° (Adjust by azimuth (YAW) angle)         Twist :       ±30°         *The above is the adjustable range of a single camera.         The adjustable range of each camera varies according to the positional relationship with other cameras.			
Adjusting	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC) g Angle	22.7 m $ $ 74.6 ft 11.4 m $ $ 37.3 ft 5.7 m $ $ 18.6 ft Ambarella CV2 Camera 1, 2, 3: Horizontal : ±125° (Adjust by horizontal (PAN) angle) Vertical : ±125° (Adjust by vertical (TILT) angle) Yaw : ±90° (Adjust by azimuth (YAW) angle) Twist : ±30° The above is the adjustable range of a single camera. The adjustable range of each camera varies according to the positional relationship with other cameras. Brightness, AUX On / Off			
Adjusting	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC) g Angle	22.7 m / 74.6 ft 11.4 m / 37.3 ft 5.7 m / 18.6 ft Ambarella CV2 Camera 1, 2, 3: Horizontal : $\pm 125^{\circ}$ (Adjust by horizontal (PAN) angle) Vertical : $\pm 10^{\circ}$ to $\pm 105^{\circ}$ (Adjust by vertical (TILT) angle) Yaw : $\pm 90^{\circ}$ (Adjust by azimuth (YAW) angle) Twist : $\pm 30^{\circ}$ *The above is the adjustable range of a single camera. The adjustable range of each camera varies according to the positional relationship with other cameras. Brightness, AUX On / Off Mic (Line) Input : On / Off			
Adjusting	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC) a Angle Camera Control Audio	22.7 m /       74.6 ft         11.4 m /       37.3 ft         5.7 m /       18.6 ft         Ambarella CV2       Camera 1, 2, 3:         Horizontal : ±125° (Adjust by horizontal (PAN) angle)       Vertical : ±10° to ±105° (Adjust by vertical (TILT) angle)         Yaw : ±90° (Adjust by azimuth (YAW) angle)       Twist : ±30°         Twist : ±30°       ±90° (Adjust be ange of a single camera.         The adjustable range of each camera varies according to the positional relationship with other cameras.         Brightness, AUX On / Off         Mic (Line) Input : On / Off         Volume adjustment : Low / Middle / High			
Adjusting Browser	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC) g Angle Camera Control Audio GUI / Setup Menu Language	22.7 m /       74.6 ft         11.4 m /       37.3 ft         5.7 m /       18.6 ft         Ambarella CV2       Camera 1, 2, 3:         Horizontal : ±125° (Adjust by horizontal (PAN) angle)       Vertical : ±10° to ±105° (Adjust by vertical (TILT) angle)         Yaw : ±90° (Adjust by azimuth (YAW) angle)       Twist : ±30°         Twist : ±30°       ±90° (Adjust be ange of a single camera.         The adjustable range of each camera varies according to the positional relationship with other cameras.         Brightness, AUX On / Off         Mic (Line) Input : On / Off         Volume adjustment : Low / Middle / High			
Adjusting	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (50C) g Angle Camera Control Audio GUI / Setup Menu Language Browser' <sup>3</sup>	22.7 m /       74.6 ft         11.4 m /       37.3 ft         5.7 m /       18.6 ft         Ambarella CV2       Camera 1, 2, 3:         Horizontal : ±125° (Adjust by horizontal (PAN) angle)       Vertical : ±125° (Adjust by vertical (TILT) angle)         Yaw : ±90° (Adjust by azimuth (YAW) angle)       Twist : ±30°         The adjustable range of each camera varies according to the positional relationship with other cameras.       Brightness. AUX On / Off         Brightness, AUX On / Off       Volume adjustment : Low / Middle / High         Audic Output : On / Off Volume adjustment : Low / Middle / High         Audico Output : Con / Off Volume adjustment : Low / Middle / High         Ricrosoft Edge, Firefox, Google Chrome			
Adjusting Browser GUI	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC) n Angle Camera Control Audio GUI / Setup Menu Language Browser <sup>3</sup> Network IF	22.7 m /       74.6 ft         11.4 m /       37.3 ft         5.7 m /       18.6 ft         Ambarella CV2       Camera 1, 2, 3:         Horizontal : ±125° (Adjust by horizontal (PAN) angle)       Vertical : ±10° to ±105° (Adjust by vertical (TILT) angle)         Yaw : ±90° (Adjust by azimuth (YAW) angle)       Twist : ±30°         The adjustable range of each camera varies according to the positional relationship with other cameras.       Brightness, AUX On / Off         Brightness, AUX On / Off       Volume adjustment : Low / Middle / High         Audio Output : On / Off       Volume adjustment : Low / Middle / High         English, Talian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese         Microsoft Edge, Firefox, Google Chrome         108ase-TX / 1000Base-TX, 1000Base-T, RJ45 connector			
Adjusting Browser GUI	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250pm / 76ppf) n Chip (SoC) g Angle Camera Control Audio GUI / Setup Menu Language Browser' <sup>3</sup>	22.7 m /       74.6 ft         11.4 m /       37.3 ft         5.7 m /       18.6 ft         Ambarella CV2       Camera 1, 2, 3:         Horizontal : +125° (Adjust by horizontal (PAN) angle)       Yetrical : +10° to +105° (Adjust by vertical (TILT) angle)         Yaw : ±90° (Adjust by azimuth (YAW) angle)       Twist : ±30°         Ymist : ±30°       *16 adjustable range of a single camera.         The above is the adjustable range of a single camera.       The adjustable range of each camera varies according to the positional relationship with other cameras.         Brightness, AUX 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-T, RU45 connector         [16-9 modet]* Cannot be changed.       10			
Adjusting Browser GUI	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250pm / 76ppf) n Chip (SoC) g Angle Camera Control Audio GUI / Setup Menu Language Browser' <sup>3</sup> Network IF Resolution H.265J H.264/ JPEG (MJPEG)	22.7 m /       74.6 ft         11.4 m /       37.3 ft         5.7 m /       18.6 ft         Ambarella CV2       Camera 1, 2, 3:         Horizontal : ±125° (Adjust by horizontal (PAN) angle)       Vertical : ±125° (Adjust by vertical (TILT) angle)         Yaw : ±90° (Adjust by azimuth (YAW) angle)       Twist : ±30°         The above is the adjustable range of a single camera.       The adjustable range of each camera varies according to the positional relationship with other cameras.         Brightness, AUX On / Off       Mic (Line) Input : On / Off       Volume adjustment : Low / Middle / High         Audio output : On / Off       Volume adjustment : Low / Middle / High       Audio Output : On / Off         Microsoft Edge, Firefox, Google Chrome       1008ase-T / 1008ase-T / X / 10008ase-T, R45 connector       116:9 mode <sup>1</sup> * Cannot be changed.         3840x2160, 2560x1440, 1920x1080, 1280x720, 640x360, 320x180       120x180       120x180			
System o Adjusting Browser GUI Network	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC) g Angle Camera Control Audio GUI / Setup Menu Language Browser <sup>3</sup> Network IF Resolution H.265/ J.Z64 JPEG (MJPEG) H.265/ Transmission Mode	22.7 m /       74.6 ft         11.4 m /       37.3 ft         5.7 m /       18.6 ft         Ambarella CV2       Camera 1, 2, 3:         Horizontal : ±125° (Adjust by horizontal (PAN) angle)       Vertical : ±10° to ±105° (Adjust by vertical (TILT) angle)         Yaw : ±90° (Adjust by azimuth (YAW) angle)       Twist : ±30°         The about is the adjustable range of a single camera.       The adjustable range of each camera varies according to the positional relationship with other cameras.         Brightness, AUX On / Off       Mic (Line) Input : On / Off       Volume adjustment : Low / Middle / High         Audio Output : On / Off       Volume adjustment : Low / Middle / High         Microsoft Edge, Firefox, Coogle Chrome       100Base-T / 100Base-T x / 1000Base-T, R45 connector         10Base-T /       Toons the changed.       3840x2160, 2560x1440, 1920x1080, 1280x720, 640x360, 320x180         Constant bit rate / VBR / Frame rate / Best effort       Set affort       Set affort			
Adjusting Browser GUI	Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) n Chip (SoC) g Angle Camera Control Audio GUI / Setup Menu Language Browser' <sup>3</sup> Network IF Resolution H.265/ H.264/ JPEG (MJPEG)	22.7 m /       74.6 ft         11.4 m /       37.3 ft         5.7 n /       18.6 ft         Ambarella CV2       Camera 1, 2, 3:         Horizontal : ±125° (Adjust by horizontal (PAN) angle)       Vertical : ±125° (Adjust by vertical (TILT) angle)         Yaw : ±90° (Adjust by azimuth (YAW) angle)       Twist : ±30°         The above is the adjustable range of a single camera.       The adjustable range of each camera varies according to the positional relationship with other cameras.         Brightness, AUX On / Off       Mic (Line) Input : On / Off       Volume adjustment : Low / Middle / High         Audio output : On / Off       Volume adjustment : Low / Middle / High       Audio Output : On / Off         Microsoft Edge, Firefox, Google Chrome       108ase-T / 1008ase-T x / 10008ase-T, RJ45 connector       116:9 mode <sup>1</sup> *Cannot be changed.         3840x2160, 2560x1440, 1920x1080, 1280x720, 640x360, 320x180       120x180       120x180			

Network	Smart Coding	GOP (Group of pictures) control :				
Network	Sindre couring	On (Frame rate control)* / On (Advanced)* / On (Mid) / On (Low) / Off				
	*On (Frame rate control) and On (Advanced) 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				
	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 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, LLDP, MQTT				
		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, LLDP, MQTT				
	No. of Simultaneous Users	Up to 24 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, Android™ terminals				
	ONVIF <sup>®</sup> Profile	G / M / S / T				
Alarm	Alarm Source	3 terminals input, VMD alarm, SCD 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 (for adjustment)	-				
Output	Audio input*6	ø3.5 mm stereo mini jack				
	For microphone input :	Recommended applicable microphone : Plug-in power type				
		(Sensitivity of microphone : -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz))				
		Input impedance : Approx. 2 kΩ (unbalanced)				
		Supply voltage : 2.4 V ±0.5 V				
	For line input :	Input level : Approx10 dBV				
	Audio Output <sup>*6</sup>	ø3.5 mm stereo mini jack (monaural output)				
		Output impedance : Approx. 600 $\Omega$ (unbalanced)				
		Output level : -20 dBV				
	External I/O Terminals*6	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/ ALARM OUT/ 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, EN55024				
	Power Source and	PoE+ (IEEE802.3at compliant):				
	Power Consumption	DC 54 V: 470 mA/Approx. 25.4 W (Class 4 device)				
	Ambient Operating	-40 °C to +60 °C"7 {-40 °F to 140 °F}				
	Temperature	(Power On range: -20 °C to +60 °C {-4 °F to 140 °F})				
		Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C(165 °F)				
	Ambient Operating Humidity	10 to 100 % (no condensation)				
	Anti-Condensation System	Temish element + moisture absorption gel				
	Water and Dust Resistance	IP67/IP66 (IEC 60529), Type 4X (UL50E), NEMA 4X compliant				
	Shock Resistance	IK10 (IEC 62262)				
	Other standard support	NEMA TS 2 (2.2.7-2.2.9)				
	Dimensions	When using the attachment plate only :				
		ø300 mm × 90 mm (H) {ø11-13/16 inches ×3-17/32 inches (H)}				
	Mass (approx.)	When using the attachment plate only : Approx. 3.1 kg {6.83 lbs}				
	Finish	Main body : Aluminum die cast, i-PRO white				
		Outer fixing screws : Stainless steel (Corrosion-resistant treatment)				
		Dome cover : PC resin, Clear				
		PC resin, Smoke (G)				
*1 Converte	ed value					

<sup>1</sup> Converted value
<sup>1</sup> Converted value
<sup>2</sup> When the 320x180 resolution is used, the "90°" and "270°" settings are not available.
<sup>3</sup> For information on the operation verification of the supported web browsers, refer to our support website <Control No.: C0132-.
<sup>4</sup> Transmission for each stream can be individually set.
<sup>5</sup> When recording audio on an microSD memory card, only use AAC-LC (Advanced Audio Coding - Low Complexity).
<sup>6</sup> When using with these, WV-QCA501A cable is required.
<sup>7</sup> When using with the IR LED light constantly lit, the upper limit of the operating temperature range is +50 °C {+122 °F}.

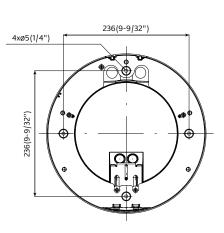
## Appearance



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Unit : mm (inches)

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 Face Detection

Detects faces with high precision even in low-light, backlit, and mask-wearing environments. (Max. 2 cameras working)

#### **AI 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

## **Optional Accessories**

AI Vehicle Detection

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

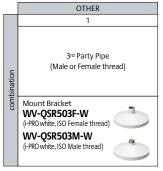
#### Deep-learning and proprietary image processing technologies recognize mask and detect people who are not wearing them.

#### AI Occupancy Detection

AI Non mask 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.

		HANGING			CEILING	
1	1	1	2	3	1	2
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 (i-PRO white)	Ceiling Mount Bracket WV-QCL100-W*1 (i-PRO white)	Base Bracket WV-QJB503-W (i-PRO white)	Ceiling Mount Bracket WV-Q105A (Silver) 'For indoor
1. Sec. 9		-	installation only.	installation only.	*The actual product may differ.	installation only.
Wall Mount Bracket WV-QWL501-W (i-PRO white)	Wall Mount Bracket WV-QWL501-W (i-PRO white)	Mount Bracket WV-QSR503-W (i-PRO white)	Mount Bracket WV-QSR503M-W (i-PRO white, ISO Male thread)	3rd Party Pipe (i-PRO white, ISO Male thread)		Base Bracket WV-QJB503-W (i-PRO white) *The actual product may differ.
Mount Bracket WV-QSR503-W (i-PRO white)	Mount Bracket WV-QSR503-W (i-PRO white)			Mount Bracket WV-QSR503F-W (i-PRO white, ISO Female thread)		
	WV-QPL500-W (i-PRO white) Wall Mount Bracket WV-QWL501-W (i-PRO white) Mount Bracket WV-QSR503-W	WV-QPL500-W (i-PRO white)     WV-QCN500-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-QSR503-W     Mount Bracket WV-QSR503-W	WV-QPL500-W (i-PRO white)     WV-QCN500-W (i-PRO white)     WV-QCL501-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-QWL501-W (i-PRO white)       Mount Bracket WV-QSR503-W     Mount Bracket WV-QSR503-W     Mount Bracket WV-QSR503-W	Pole Mount Bracket       Corner Mount Bracket       Ceiling Mount Bracket         WV-QPL500-W       (i-PRO white)       Ceiling Mount Bracket         WV-QCL501-W       (i-PRO white)       Image: Corner Mount Bracket         WV-QWL501-W       Image: Corner Mount Bracket       Mount Bracket         WV-QWL501-W       Image: Corner Mount Bracket       Mount Bracket         WV-QWL501-W       Image: Corner Mount Bracket       Mount Bracket         WV-QSR503-W       (i-PRO white)       Image: Corner Mount Bracket         Mount Bracket       Mount Bracket       WV-QSR503-W         Mount Bracket       WV-QSR503-W       Image: Corner Mount Bracket         WV-QSR503-W       Mount Bracket       WV-QSR503-W	Pole Mount Bracket WV-QPL500-W (i-PRO white)       Corner Mount Bracket WV-QCL500-W (i-PRO white)       Ceiling Mount Bracket WV-QCL501-W (i-PRO white)       Ceiling Mount Bracket WV-QCL100-W (i-PRO white)       Cei	Pole Mount Bracket WV-QPL500-W (i-PRO white)       Corner Mount Bracket WV-QCL500-W (i-PRO white)       Ceiling Mount Bracket WV-QCL100-W (i-PRO white)       Ceiling Mount Bracket WV-QCL100-W (i-PRO white)       Base Bracket WV-QL100-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-QWL501-W (i-PRO white)       Mount Bracket WV-QWL501-W (i-PRO white)       Mount Bracket WV-QSR503-W (i-PRO white)       Base Bracket WV-QL100-W' (i-PRO white)         Wall Mount Bracket WV-QWL501-W (i-PRO white)       Wall Mount Bracket WV-QSR503-W (i-PRO white)       Mount Bracket WV-QSR503-W (i-PRO white)       Mount Bracket WV-QSR503-W (i-PRO white)       Base Bracket WV-QL100-W' (i-PRO white)         Mount Bracket WV-QWL501-W (i-PRO white)       Mount Bracket WV-QSR503-W (i-PRO white)       Mount Bracket WV-QSR503-W (i-PRO white)       Mount Bracket WV-QSR503-W         Mount Bracket WV-QSR503-W       Mount Bracket WV-QSR503-W       Mount Bracket WV-QSR503-W       Mount Bracket WV-QSR503-W



Dome Cover

Smoke dome cover WV-QDC501G



\*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.

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



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