

WV-S2536LT

The new Standard by i-PRO video surveillance

2MP (1080p) Vandal Resistant Outdoor Dome Network Camera

The S-Series network cameras offer a new standard in i-PRO video surveillance with drastically improved image quality with advanced technology. It comes with pre-installed AI analytics applications that detects people and vehicles with accuracy, allowing you to easily start state-of-the-art video surveillance.

The camera can be configured while keeping the unit in the box with the acclaimed "Easy Kitting Packaging", making the installation process smooth and easy.

Key Features

- Drastically improved image quality by advanced technology and AI intelligent Auto
- Pre-installed AI analytics applications to detect human and vehicles. Ready for installing 3rd party applications
- Detecting suspicious sound like Gunshot, Yell, Vehicle horn, and Glass break, with external microphones
- Easy Kitting Package enabling installers to configure cameras easily while keeping the unit in the box
- i-PRO Configuration Tool "iCT" can set up 1024 cameras at the same time.
- (iCT page : https://i-pro.com/global/en/surveillance/tools/ict)

Key i-PRO Spec.

- 2MP (1080p)
- Intelligent Auto (with AI Engine)
- Super Dynamic 144dB
- Color night vision (0.011 to 0.015 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.





Specifications

spec	ifications				
Camera	Image Sensor	Approx. 1/2.8 type CMOS image sensor			
	Minimum Illumination	Color : 0.011 lx (30IRE, F1.7, 1/30s) *1			
		Color : 0.015 Ix (50IRE, F1.7, 1/30s)			
		BW : 0.008 lx (50IRE, F1.7, 1/30s)			
		BW : 0 lx (50IRE, F1.7,1/30s with IR LED)			
	White Balance	ATW1 / ATW2 / AWC			
	Shutter Speed	[60 fps Mode] 1/60 Fix to 1/10000 Fix,			
		[30 fps/15 fps mode] 1/30 Fix to 1/10000 Fix			
		[50 fps Mode] 1/50 Fix to 1/10000 Fix,			
		[25 fps/12.5 fps 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.144 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) /			
		Auto2 (IR Light On) / Auto3 (SCC)			
	IR LED Light	High / Middle / Low / Off, Maximum irradiation distance : 70 m {Approx. 230 ft} (30IRE) *1			
		50 m {Approx. 164 ft} (50IRE)			
	Digital Noise Reduction	The level can be set in the range of 0 to 255.			
	Video Motion Detection (VMD)				
	Scene Change Detection (SCD)	On / Off, 1 areas available			
	Audio Detection	On / Off Gunshot, Yell, Vehicle horn, Glass break Yes			
	Al Sound Classification				
	AI Analytics				
	Privacy Zone	On / Off, Up to 8 zones available			
	VIQS	On / Off, Up to 8 zones available			
	Image rotation ^{*3}	0°/90°/180°/270°			
	Camera Title (OSD)	On / Off, Up to 40 characters (alphanumeric characters, marks)			
	Focus Adjustment	Auto focus			
Lens	Optical zoom	2.3x (Motorized zoom / Motorized Focus)			
	Extra zoom	2.3x - 6.9x (when resolution is 640 x 360)			
	Focal length	9 - 21 mm {11/32 inches - 13/16 inches}			
	Angular Field of View	[16:9 mode]			
		Horizontal : 15° (TELE) – 36° (WIDE), Vertical : 9° (TELE) – 20° (WIDE)			
		[4:3 mode]			
		Horizontal : 11° (TELE) – 27° (WIDE), Vertical : 9° (TELE) – 20° (WIDE)			
	Maximum Aperture Ratio	1:1.7 (WIDE) - 1:3.0 (TELE)			
DORI	Focus range	2 m {78-3/4 inches} - ∞			
DORI	Detect (25ppm / 8ppf)	Wide: 118.2 m / 387.7 ft, Tele: 291.7 m / 956.9 ft			
	Observe (62.5ppm / 19ppf)	Wide: 47.3 m / 155.1 ft, Tele: 116.7 m / 382.8 ft Wide: 23.6 m / 77.5 ft, Tele: 58.3 m / 191.4 ft			
	Recognize (125ppm / 38ppf)				
Curtor a	Identify (250ppm / 76ppf)	Wide: 11.8 m / 38.8 ft, Tele: 29.2 m / 95.7 ft			
Adjusting	n Chip (SoC)	Ambarella CV25M Horizontal : -194 to +166°, Vertical : -30 to +85°, Yaw : ±100°			
Browser	Camera Control	Brightness, AUX On / Off			
GUI	Audio	Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High			
	Audio	Audio Output : On / Off Volume adjustment : Low / Middle / High			
	GUI / Setup Menu Language	English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese			
	Browser ^{*4}	Microsoft Edge, Firefox, Google Chrome			
Network	Network IF	10Base-T / 100Base-TX, RJ45 connector			
Network	Resolution	[16 : 9 mode (60 fps mode)] ¹² , [16 : 9 mode (30 fps mode)], [16 : 9 mode (50 fps mode)] ¹² , [16 : 9 mode (25 fps mode)]			
	H.265/ H.264/ JPEG (MJPEG)				
		1920x1080, 1280x720, 640x360, 320x180			
	···	[4 : 3 mode (30 fps mode)], [4 : 3 mode (25 fps mode)]			
		[4 : 3 mode (30 fps mode)], [4 : 3 mode (25 fps mode)] 1280x960, VGA, QVGA			
		[4 : 3 mode (30 fps mode)], [4 : 3 mode (25 fps mode)] 1280x960, VGA, QVGA [4 : 3 mode (15 fps mode)], [4 : 3 mode (12.5 fps mode)]			
		[4 : 3 mode (30 fps mode)], [4 : 3 mode (25 fps mode)] 1280x960, VCA, QVCA [4 : 3 mode (15 fps mode)], [4 : 3 mode (12.5 fps mode)] 2048x1536 ⁺⁵ , 1280x960, VCA, QVCA			
	H.265/ Transmission Mode	[4 : 3 mode (30 fps mode)], [4 : 3 mode (25 fps mode)] 1280x960, VGA, QVGA [4 : 3 mode (15 fps mode)], [4 : 3 mode (12.5 fps mode)] 2048x153 ⁶⁷ , 1280x960, VGA, QVGA Constant bit rate / VBR / Frame rate / Best effort			
		[4 : 3 mode (30 fps mode)], [4 : 3 mode (25 fps mode)] 1280x960, VCA, QVCA [4 : 3 mode (15 fps mode)], [4 : 3 mode (12.5 fps mode)] 2048x1536 ⁺⁵ , 1280x960, VCA, QVCA			

	Smart County	GOP (Group of pictures control).			
		Off/ Low (Variable GOP 1s-8s) / Mid (Variable GOP 4s-16s) /			
		Advanced (Fixed GOP 60s w/1s key-frame) /			
		Frame rate control (Variable GOP 4s-16s with frame rate control)			
		*Advanced and Frame rate control are only available with H.265.			
		Smart VIQS: On(High)/On(Low)/Off, Smart P-picture control: On/Off			
	Audio Compression	G.726 (ADPCM) : 16 kbps / 32 kbps			
		G.711 : 64 kbps			
		AAC-LC ^{*7} : 64 kbps / 96 kbps / 128 kbps			
	Audio transmission mode	Off / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex)			
	Supported Protocol	IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, SMTP, DNS, NTP, SNMPv1/v2/v3,			
		DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DiffServ, SFTP, MOTT, LLDP			
		IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, RTSP, RTP, RTP/RTCP,			
		SMTP, DHCP, DNS, DDNS, NTP, SNMPv1/v2/v3, UPnP, IGMP,			
		ICMP, ARP, IEEE 802.1X, Diffserv, SRTP, SFTP, MQTT, LLDP			
	Secure	Device Certificate GlobalSign [®] pre-installed, User authentication,			
		Host authentication, HTTPS, Data encryption, 802.1X Support			
	No. of Simultaneous Users	Up to 14 users (Depends on network conditions)			
	SDXC/SDHC/SD	H.265 / H.264 recording :			
	Memory Card	Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure			
	Memory card	JPEG recording :			
		5			
		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 [®] 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/ Output	Monitor Output	VBS : 1.0 V [p-p] / 75 Ω, composite, Pin jack			
output	(for adjustment) Audio input ^{*8}	An NTSC or PAL signal can be outputted from camera			
	For microphone input :	ø3.5 mm stereo mini jack Recommended applicable microphone : Plug-in power type			
	For microphone input.	(Sensitivity of microphone : -51 dB to -38 dB (0 dB=1 V/Pa, 1 kHz))			
		Input impedance : Approx. 2 k Ω (unbalanced)			
		Supply voltage : 2.5 V ±0.5 V			
	For line input :	Input level : Approx10 dBV			
	For line input : Audio Output ^{*8}	ø3.5 mm stereo mini jack (monaural output)			
		ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Ω (unbalanced)			
	Audio Output ^{*8}	ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Ω (unbalanced) Output level : –20 dBV			
		ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output ievel :- 20 dBV ALARM IN 1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (x1)			
Conorri	Audio Output*8 External I/O Terminals*8	ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Ω (unbalanced) Output level : - 20 dBV ALARM IN I (Harm input 1/ Black & white input/ Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1)			
General	Audio Output*8 External I/O Terminals*8 Safety	ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV ALARM IN I (Alarm input 1) Back & white input/ Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT] (x1), ALARM IN 3 (Alarm input 3) AUX OUT] (x1) UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1			
General	Audio Output*8 External I/O Terminals*8 Safety EMC	 ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Ω (unbalanced) Output ievel : -20 dBV 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/ AUXOUT) (x1) UL (UL62368-1), C-UL (CSA C22, 2No.62368-1), CE, IEC62368-1 FCC (PartIS ClassA), ICES-003 ClassA, EN55032 ClassB, EN55035 			
General	Audio Output*8 External I/O Terminals*8 Safety EMC Power Source and	ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output level : - 20 dBV ALARM IN I (Alarm input 1/ Black & white input/ Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IM 3 (Alarm input 3/ AUX OUT) (x1) UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (PartIS ClassA), ICES-NO3 ClassA, ENS5032 ClassB, ENS5035 DC power supply'8 : DCI2 V 860 mA, Approx. 10.3 W			
General	Audio Output*8 External I/O Terminals*8 Safety EMC Power Source and Power Consumption	ø3.5 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) (XI) ALARM IN 2 (Alarm input 2/ ALARM OUT) (XI). ALARM IN 3 (Alarm input 3/ AUX OUT) (XI) UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 ClassA, EN55035 DC power suppl ^{V 3} : DCI2 V 860 mA, Approx. 10.3 W POE (IEEE802.3af compliant) Device : DC48 V 210 mA, Approx. 10.1 W (Class 0 device)			
General	Audio Output's External I/O Terminals's Safety EMC Power Source and Power Consumption Ambient Operating	φ3.5 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) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1) UL (UL62368-1), c-UL (CSA C22, 2No.62368-1), CE, IEC62368-1 FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassB, EN55035 DC power supply ¹⁰ 8: DC12 V 860 mA, Approx. 10.3 W PoE (IEEE802.3af compliant) Device: DC48 V 210 mA, Approx. 10.1 W (Class 0 device) -40 °C to +60 °C (-40 °F to 140 °F) ¹⁹			
General	Audio Output*8 External I/O Terminals*8 Safety EMC Power Source and Power Consumption Ambient Operating Temperature	φ3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV ALARM IN 1 (Alarm input 2] ALARM OUT] (x1), ALARM IN 3 (Alarm input 3] AUX OUT] (x1) LLARM 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) FCC (PartIS ClassA), ICES-003 ClassA, ENS5032 ClassB, ENS5035 DC power supply*8 : DCI2 V 860 mA, Approx. 10.3 W PoE (IEE802.3af compliant) Device: DC48V 210 mA, Approx. 10.1W (Class 0 device) -40 °C to +60 °C (-40 °F to 40 °F)* (Power On range : -30 °C to +60 °C {-22 °F to +140 °F})			
General	Audio Output*8 External I/O Terminals*8 Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity	ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output level : - 20 dBV ALARM IN I (Alarm input 1/ Black & white input/ Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1) UL (UI62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEG62368-1 FCC (PartIS ClassA), ICES-003 ClassA, EN55035 DC power supply ⁶ : DC12 V 860 mA, Approx. 10.3 W POE (IEEE802.3af compliant) Device : DC48 V 210 mA, Approx. 10.1 W (Class 0 device) -40 °C to +60 °C (-04° Ft 0140 °F) ⁶ (Power On range : -30 °C to +60 °C (-22° Ft o+140 °F)) 10 to 100 % (no condensation)			
General	Audio Output*8 External I/O Terminals*8 Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System	ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Ω (unbalanced) Output i evel : -20 dBV ALARM IN 1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (x1) ALARM IN 1 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1) UL (UL62368-1), C-UL (CSA C22, 2No. 62368-1), CE, LEGC3268-1 FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassB, EN55035 DC power supply ⁶ 3: DC12 V 860 mA, Approx. 10.3 W PG (IEEE802.3af compliant) Device: DC48 V 210 mA, Approx. 10.1W (Class 0 device) -40 °C to +60 °C (-40 °F to 140 °F) ¹⁹ (Power On range : -30 °C to +60 °C (-22 °F to +140 °F)) 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel			
General	Audio Output*8 External I/O Terminals*8 Safety EMC Power Source and Power Consumption Ambient Operating Temperature Amti-Condensation System Water and Dust Resistance	φ3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output iewel : -20 dBV ALARM IN 1 (Alarm input 2] ALARM OUT] (x1), ALARM IN 3 (Alarm input 3] AUX OUT] (x1) LARM 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) FCC (PartIS ClassA), ICES-003 ClassA, ENS5032 ClassB, ENS5035 DC power supply *3 : DC12 V 860 mA, Approx. 10.3 W PoE (IEEE802.3af compliant) Device : DC48V 210 mA, Approx. 10.1 W (Class 0 device) -40 °C to +60 °C (-40 °F to 140 °F)* (Power On range : -30 °C to +60 °C (-22 °F to +140 °F)) 10 to 100 % (no condensation) Temsish element + Heater + moisture absorption gel IP66, IEC60329 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant.			
General	Audio Output*8 External I/O Terminals*8 Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance	ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output ievel : -20 dBV ALARM IN 1 (Alarm input 2] (ALARM OUT) (x), ALARM IN 3 (Alarm input 3] AUX OUT) (x) UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (PartIS ClassA), ICES-003 ClassA, EN55032 ClassB, EN55035 DC power supply'8 : DCI2 V 860 mA, Approx. 10.3 W PoE (IEE802.3af compliant) Device: DC48 V 210 mA, Approx. 10.1 W (Class 0 device) -40 °C to +60 °C (-40 °F 10 40 °F) ⁵⁹ (Power On range : -30 °C to +60 °C {-22 °F to +140 °F}) 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel 1966, IEC6052 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant 501 (IEC 60068-2-75 compliant), IK10 (IEC 62262)			
General	Audio Output's External I/O Terminals's External I/O Terminals's Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Dimensions	ø3.5 mm stereo mini jack (monaural output) Output level - 20 dBV ALARM IN 1 (Alarm input 2] ALARM OUT) (xl), ALARM IN 3 (Alarm input 2] ALARM OUT) (xl), ALARM IN 3 (Alarm input 2] ALARM OUT) (xl), ALARM IN 3 (Alarm input 2] ALARM OUT) (xl), UL (UL62368-1), C-EL (C562-102, ZN 0.62368-1), CE, IE (C562368-1) FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassB, EN55035 DC power supply ⁶ 3: DC12 V 860 mA, Approx. 10.3 W PGC (IEE8023 af compliant) Device: DC48 V 210 mA, Approx. 10.1 W (Class 0 device) -40 °C to +60 °C (-40 °F to 140 °F) ⁵⁹ (Power On range : -30 °C to +60 °C (-22 °F to +140 °F)} 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel 1P66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant 50/ (IEC 60068-2-75 compliant), IK10 (IEC 62262) ø154 mm x 105 mm (H) (de5-1/16 inches x 4-1/8 inches (H))			
General	Audio Output*8 External I/O Terminals*8 Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Dimensions Mass (approx.)	φ3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV ALARM IN 1 (Alarm input 2] ALARM OUT] (x1). ALARM IN 3 (Alarm input 3] AUX OUT] (x1) ALARM IN 1 (Alarm input 1] Black & white input] (x1). ALARM IN 3 (Alarm input 3] AUX OUT] (x1) UL (UL62368-1). c-UL (CSA C22.2 No.62368-1) FCC (PartIS ClassA). (EES-003 ClassA, ENS5032 ClassB, ENS5035 DC power supply ⁶ : DC12 V 860 mA, Approx. 10.3 W Poe (IEEE802.3af compliant) Device : DC48 V 210 mA, Approx. 10.1 W (Class 0 device) -40 ° C to +60 ° C (-40 ° F to 140 ° F) ¹⁹ (Power On range : -30 °C to +60 °C (-22 ° F to +140 ° F)) 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel IP66, IEC60529 measuring standard compatible, Type 4X (UL50E), NEMA 4X compliant. 501 (IEC 60068-2-75 compliant), IK10 (IEC 62262) ø154 mm x105 mm (H) (ø6-1)16 (nches x 4-1/8 inches (H)) Approx. 1.1 kg (2.43 lbs.)			
General	Audio Output's External I/O Terminals's External I/O Terminals's Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Dimensions	ø3.5 mm stereo mini jack (monaural output) Output i mjedance : Approx. 600 Q (unbalanced) Output i evel : -20 dBV ALARM IN 1 (Alarm input 2] ALARM OUT] (x), ALARM IN 3 (Alarm input 3] AUX OUT] (x1) UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 FCC (PartIS ClassA), ICES-003 ClassA, EN55032 ClassB, EN55035 DC power supply '8 : DCI2 V 860 mA, Approx. 10.3 W PoE (IEE802.3af compliant) Device: DC48 V 210 mA, Approx. 10.1 W (Class 0 device) -40 ° Ct ot +60 °C (-40 ° F to 140 °F) '9 (Power On range : -30 °C to +60 °C (-22 °F to +140 °F)) 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel 1966, IEC6029 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant 50) (IEC 60068-2-75 compliant), IK10 (IEC 62262) ø154 mm x 105 m(H) (§6-1)f6 inches x 4-1/8 inches (H)) Approx. 11, Kg (2.43 IbS.) Main body : Aluminum die cast and resin, i-PRO white			
General	Audio Output*8 External I/O Terminals*8 Safety EMC Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Dimensions Mass (approx.)	φ3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV ALARM IN 1 (Alarm input 2] ALARM OUT] (x1). ALARM IN 3 (Alarm input 3] AUX OUT] (x1) ALARM IN 1 (Alarm input 1] Black & white input] (x1). ALARM IN 3 (Alarm input 3] AUX OUT] (x1) UL (UL62368-1). c-UL (CSA C22.2 No.62368-1) FCC (PartIS ClassA). (EES-003 ClassA, ENS5032 ClassB, ENS5035 DC power supply ⁶ : DC12 V 860 mA, Approx. 10.3 W Poe (IEEE802.3af compliant) Device : DC48 V 210 mA, Approx. 10.1 W (Class 0 device) -40 ° C to +60 ° C (-40 ° F to 140 ° F) ¹⁹ (Power On range : -30 °C to +60 °C (-22 ° F to +140 ° F)) 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel IP66, IEC60529 measuring standard compatible, Type 4X (UL50E), NEMA 4X compliant. 501 (IEC 60068-2-75 compliant), IK10 (IEC 62262) ø154 mm x105 mm (H) (ø6-1)16 (nches x 4-1/8 inches (H)) Approx. 1.1 kg (2.43 lbs.)			

GOP (Group of pictures control):

twork Smart Coding

¹ Converted value
² When 60 fps or 50 fps is selected, the Super Dynamic function is automatically set to off.
³ When the 60 fps mode, 50 fps mode, 15 fps mode or 12.5 fps mode is used, the "90°" and "270°" settings are not available. When the 320x180 resolution is used, the "90°" and "270" settings are not available.

Hor information on the operation verification of the supported web browsers, refer to any support website <Control No.: C0132>.
 *5 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).

*8 When using with these, WV-QCA501A cable is required. *9 When using with the IR LED light constantly lit, the upper limit of the operating temperature range is +50 °C (+122 °F).

AI Analytics applications

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

AI Video Motion Detection (AI-VMD)

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

AI Privacy Guard

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

AI Face Detection

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

AI People Detection

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

AI Vehicle Detection

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

AI Non mask Detection

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

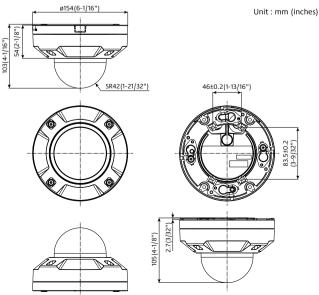
AI Occupancy Detection

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.

3rd party applications are also available.

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

Appearance



With Attachment plate

For US

Optional Accessories

Mount Bracket / Other CORNER POLE WALL 1 2 3 1 2 1 2 Wall Mount Bracket Sun Shade Pole Mount Bracket Corner Mount Bracket Wall Mount Bracket WV-QSR500-W (White) **PWM485W** WV-QWL500-W PAPM4W PACA4W (White) (White) (White) (White) .* combination Wall Mount Bracket WV-QWL500-W(White) Conduit Adapter Adapter Box Base Bracket Wall Mount Bracket Wall Mount Bracket Wall Mount Bracket WV-QJB501-W (White) WV-QJB500-W (White) PAPM6 WV-QWL500-W(White) **PWM485W PWM485W** (Black) (White) (+ WV-QJB500-W) (White) (+ WV-QJB500-W) 4 101 'lf ne 'If needed

	[HANGING			PARAPET	CEILING		
combination		1	2	3	1	1	2	3
	bination	Ceiling Mount Bracket WV-QCL501-W (White)	Ceiling Mount Bracket WV-QCL101-W (White) *For indoor instalation only.	Ceiling Mount Bracket WV-QCL101-W *1 (White) *For indoor instalation only.	Parapet Mount Bracket PPRM35W (White)	Ceiling Mount Bracket (Embedded) WV-QEM500-W (White)	Base Bracket WV-QJB501-W (White)	Ceiling Mount Bracket WV-Q105A
	COM	Mount Bracket WV-QSR501-W (White)	Mount Bracket PS485W (White)	This bracket requires 1 ½" NPT pipe.	Mount Bracket PS485W (White)			

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

Dome Cover

Dome Cover	Dome Cover	Dome Cover	
(Smoke type)	(Smoke type with ClearSight coating)	(Clear type with ClearSight coating)	
WV-CW7S	WV-CW7SN	WV-CW7CN	
\bigcirc		0	

Cable



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

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- Important
 Safety Precautions : Carefully read the Basic Information, Installation Guide and Operating Instructions before using this product.
- i-PRO Co., Ltd. cannot be held responsible for the performance of the network and/or other manufacturers' products used on the network.
- Masses and dimensions are approximate.
 Specifications are subject to change without notice.



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