

The new Standard by i-PRO video surveillance

2MP(1080p) IR Outdoor Vandal Dome Network Camera with AI Engine

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 (0.018 to 0.025 lx)
- Smart Coding (with AI Engine)
- ClearSight Coating
- Built-in IR LED
- Fiber Optic Media Converter Unit (Optional WV-S25F1)
- ONVIF[®] Profile G / M / S / T *ONVIF is a trademark of ONVIF, Inc.

Industry examples

- Safe Cities
- Transportation (Airport / Train, Subway station)
- Bank (ATM, Entrance)
- Retail / Logistics / Education / Hospital / Building

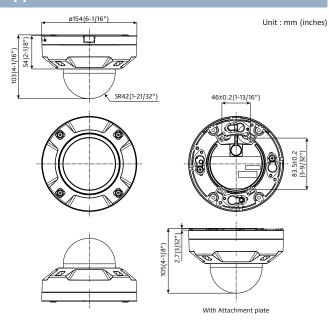




Specifications

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	opee	incations			
Color: 0.025 k (500E, FL3, 1/305) White Balance ATWI / ATW2 / AWC Shutter Speed 160 Tps Model / 160 Fix Not / 10000 Fix, 130 fps/15 fps model / 193 Fix to 1/10000 Fix, 130 fps/15 fps model / 193 Fix to 1/10000 Fix, 125 fps/12.5 fps model / 193 Fix to 1/10000 Fix, 125 fps/12.5 fps/12.5 fps/12.5 fix to 1/10000 Fix, 125 fps/12.5 fps/12.5 fix to 1/10000 Fix, 125 fps/12.5 fps/12.5 fix to 1/10000 Fix, 126 fps/12.5 fps/12.5 fps/12.5 fix to 1/10000 Fix, 126 fps/12.5 fps/12.5 fps/12.5 fix to 1/10000 Fix, 126 fps/12.5	Camera	Image Sensor	Approx. 1/2.8 type CMOS image sensor		
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Privacy Zone On / Off, Up to 8 zones available VIQS On / Off, Up to 8 zones available Image rotation ³ 0° / 90° / 180° / 1270° Camera Title (OSD) On / Off, Up to 40 characters (alphanumeric characters, marks) Focus Adjustment Auto focus / Manual VIQS On / Off, Up to 40 characters (alphanumeric characters, marks) Focus Adjustment Auto focus / Manual Lens Optical zoom 3.1k r - 9.3x (when resolution is 640 x 360) Focal length 2.9 - 9 mm (1/8 inches - 11/32 inches) Intervention is 640 x 360) Focal length 2.9 - 9 mm (1/8 inches - 11/32 inches) Intervention is 640 x 360) Focal length 2.9 - 9 mm (1/8 inches) - 11/32 inches) Intervention is 640 x 360) Focal length 2.9 - 9 mm (1/8 inches) - 00° (WIDE) Intervention is 640 x 360) Angular Field of View If 6 = 9 model Horizontal : 26° (TELE) - 82° (WIDE), Vertical : 20° (TELE) - 60° (WIDE) Maximum Aperture Ratio 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) Focus range 0.3 m (11-31/6 inches) - ∞ DORI Detect (25ppm / sppt) Wide: 2.5 m / 18.3 H, Tele: 18.2 m / 38.7 H Identify (250ppm / 75.1 H Recognize (125ppm / maines)					
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Camera Title (OSD) On / Off, Up to 40 characters (alphanumeric characters, marks) Focus Adjustment Auto focus / Manual Focus Adjustment Auto focus / Manual Extra zoom 3.1k (Motorized zoom / Motorized Focus) Extra zoom 3.1k - 9.3k (when resolution is 640 x 360) Focus length 2.9 - 9 mm (1/8 inches - 11/32 inches) Angular Field of View [16 : 9 mode] Horizontal : 36° (TELE) - 113° (WIDE), Vertical : 20° (TELE) - 60° (WIDE) Maximum Aperture Ratio 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) Maximum Aperture Ratio 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) Focus range 0.3 m (11-3)16 inches) - ∞ DORI Desct (25ppm / Sppt) Wide: 25.4 m / 83.4 ft, Tele: 118.2 m / 38.7 ft Observe (62.5ppm / 19ppt) Wide: 2.5 m / 16.7 ft, Tele: 23.6 m / 77.5 ft Identify (250ppm / 76pp1) Wide: 2.5 m / 16.7 ft, Tele: 23.6 m / 77.5 ft Identify (250ppm / 76pp1) Brightness, AUX On / Off Audio Brightness, AUX On / Off Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Au			0° / 90° / 180° / 270° On / Off, Up to 40 characters (alphanumeric characters, marks)		
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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 s mode] Horizontal : 36° (TELE) - 113° (WIDE), Vertical : 20° (TELE) - 60° (WIDE) [4 : 3 mode] Horizontal : 36° (TELE) - 82° (WIDE), Vertical : 20° (TELE) - 60° (WIDE) [4 : 3 mode] Horizontal : 26° (TELE) - 82° (WIDE), Vertical : 20° (TELE) - 60° (WIDE) [4 : 3 mode] Horizontal : 26° (TELE) - 82° (WIDE), Vertical : 20° (TELE) - 60° (WIDE) [4 : 3 mode] Horizontal : 26° (TELE) - 82° (WIDE), Vertical : 20° (TELE) - 60° (WIDE) [4 : 3 mode] Moizontal : 26° (TELE) - 82° (WIDE), Vertical : 20° (TELE) - 60° (WIDE) [5 : 5 : 75 : 17 : 17 : 17 : 17 : 17 : 17	1				
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Angular Field of View [16 : 9 mode] Horizontal : 36° (TELE) – 113° (WIDE), Vertical : 20° (TELE) – 60° (WIDE) [4 : 3 mode] Horizontal : 26° (TELE) – 82° (WIDE), Vertical : 20° (TELE) – 60° (WIDE) Maximum Aperture Ratio 1 : 1.3 (WIDE) – 1: 2.5 (TELE) Focus range 0.3 m (11-3) (bit inches) – ∞ DORI Detect (25ppm / 8ppf) Wide: 25.4 m / 83.4 ft, Tele: 47.3 m / 155.1 ft Doserve (62. Sppm / 19ppf) Wide: 5.1 m / 16.7 ft, Tele: 47.3 m / 155.1 ft Identify (250ppm / 76ppf) Wide: 2.5 m / 8.3 ft, Tele: 47.3 m / 155.1 ft Identify (250pm / 76ppf) Wide: 5.1 m / 16.7 ft, Tele: 47.3 m / 155.1 ft Identify (250pm / 76ppf) Wide: 5.1 m / 16.7 ft, Tele: 47.3 m / 155.1 ft Identify (250pm / 76ppf) Wide: 5.1 m / 16.7 ft, Tele: 47.3 m / 155.1 ft Identify (250pm / 76pf) Wide: 5.1 m / 16.7 ft, Tele: 47.3 m / 155.1 ft Identify (250pm / 76pf) Wide: 5.1 m / 16.7 ft, Tele: 47.3 m / 155.1 ft Adjusting Angle Horizontal : -194 to +166°, Vertical : -30 to +85°, Yaw : ±100° Browser Guil Guile Middle / High Audio Output : 0n / Off Adjusting Angle Horizontal : -194 to +166°, Vertical : -30 to +85°, Yaw : ±100° Microsoft Edge, Firefox, Google Chrome Network Resolution If (E : 9 mode (60 fps mode)]? [
Horizontal : 36° (TELE) - 113° (WIDE), Vertical : 20° (TELE) - 60° (WIDE) [4 : 3 mode] Horizontal : 26° (TELE) - 82° (WIDE), Vertical : 20° (TELE) - 60° (WIDE) Maximum Aperture Ratio 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) Focus range 0.3 m (11-31/6 inches) - ∞ DORI Detect (25ppm / Sppt) Wide: 25.4 m / 83.4 ft, Tele: 118.2 m / 387.7 ft Observe (62.5ppm / 19ppt) Wide: 25.4 m / 83.4 ft, Tele: 118.2 m / 387.7 ft Observe (62.5ppm / 19ppt) Wide: 25.4 m / 83.4 ft, Tele: 118.2 m / 38.8 ft Adjusting Angle Horizontal : -194 to +166°, Vertical : -30 to +85°, Yaw : ±100° Browser Brightness, AUX On / Off Audio Mici (Line) Input: 0.0 / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Audio (30 fps mode)], 16 1: 9 mode (30 fps mode)]? , 16 1: 9 mode (30 fps mode)], 1920x1080, 1280x720, 640x300, 320x180 [4 : 3 mode					
Image: Second		Aligular Field of View			
Horizontal : 26° (TELE) - 82° (WIDE), Vertical : 20° (TELE) - 60° (WIDE) Maximum Aperture Ratio 1:1.3 (WIDE) - 1: 2.5 (TELE) Focus range 0.3 m (11-3)16 inches) - ∞ DORI Detect (25ppm / 8ppf) Wide: 25.4 m / 83.4 ft, Tele: 118.2 m / 387.7 ft Observe (62.5ppm / 19ppf) Wide: 5.1 m / 16.7 ft, Tele: 47.3 m / 155.1 ft Recognize (125ppm / 38ppf) Wide: 25.4 m / 83.4 ft, Tele: 47.3 m / 155.1 ft Identify (250ppm / 76ppf) Wide: 2.5 m / 8.3 ft, Tele: 47.3 m / 155.1 ft Identify (250pm / 76ppf) Wide: 2.5 m / 8.3 ft, Tele: 11.8 m / 38.8 ft Adjusting Angle Horizontal : -194 to +166°, Vertical : -30 to +85°, Yaw : ±100° Browser Guilo Mic (Line) input: On / Off Adjusting Angle Horizontal : -194 to +166°, Vertical : -30 to +85°, Yaw : ±100° Browser* Macio Output : On / Off Volume adjustment : Low / Middle / High Audio Mic (Line) input: On / Off Volume adjustment : Low / Middle / High Audio Microsoft Edge, Firefox, Google Chrome Microsoft Edge, Firefox, Google Chrome Network IF I08ase-T / 1008ase-T , RI45 connector I6 : 9 mode (30 fps mode)], [16 : 9 mode (25 fps mode)] H265/ H.264/ JPEG (MJPEC) I6 : 9 mode (30 fps mode)], 2 (16					
Maximum Aperture Ratio 1: 1.3 (WIDE) - 1: 2.5 (TELE) Focus range 0.3 m (11-31/6 inches) - ∞ DORI Detect (25ppm / Sppt) Udic: 25.4 m / 83.4 ft, Tele: 18.2 m / 387.7 ft Observe (62.5ppm / 19ppf) Wide: 25.4 m / 83.4 ft, Tele: 18.2 m / 387.7 ft Observe (62.5ppm / 13ppf) Wide: 10.2 m / 33.4 ft, Tele: 18.2 m / 387.7 ft Identify (250ppm / 38ppf) Wide: 3.5 m / 16.3 ft, Tele: 18.8 m / 38.8 ft Adjusting Angle Horizontal : -194 to +166°, Vertical : -30 to +85°, Yaw : ±100° Browser Camera Control Brightness, AUX On / Off Audio Mic (Line) Input: 0 n / Off Volume adjustment : Low / Middle / High Audio Output : 0 n / Off Volume adjustment : Low / Middle / High Audio Output : 0 n / Off Volume adjustment : Low / Middle / High GUI / Setup Menu Language English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Browser*4 Itorsoft Edge, Firefox, Google Chrome Network IF 108ase-T / 1008ase-TX, RI45 connector Resolution [16 : 9 mode (60 fps mode)]? , [16 : 9 mode (20 fps mode)] 1265/ H.264/ JPEG (MJPEG) [16 : 9 mode (30 fps mode)] 1280x960, VGA, QVGA <th></th> <th></th> <th></th>					
Focus range 0.3 m (11-13/16 inches) - ∞ DORI Detect (25ppm / 8ppf) Wide: 25.4 m / 83.4 ft, Tele: 118.2 m / 387.7 ft Observe (62.5ppm / 19ppf) Wide: 10.2 m / 33.4 ft, Tele: 118.2 m / 387.7 ft Observe (62.5ppm / 19ppf) Wide: 5.1 m / 16.7 ft, Tele: 23.6 m / 77.5 ft Identify (250ppm / 76ppf) Wide: 5.1 m / 16.7 ft, Tele: 23.6 m / 77.5 ft Identify (250ppm / 76ppf) Wide: 5.1 m / 16.7 ft, Tele: 13.8 m / 38.8 ft Adjusting Angle Horizontal : -194 to +166°, Vertical : -30 to +85°, Yaw : ±100° Browser Gui Mic (Line) Input : 0n / Off GUI Audio Mic (Line) Input : 0n / Off Volume adjustment : Low / Middle / High Audio Mic (Line) Input : 0n / Off Volume adjustment : Low / Middle / High GUI Setup Menu Language Engish, talian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Browser'4 Incrosoft Edge, Firefox, Google Chrome IO8ase-17, 1008ase-17, 1445 connector Resolution [16 : 9 mode (60 fps mode)] ¹² , [16 : 9 mode (25 fps mode)], [1920x1080, 1280x720, 640x360, 320x180 I IO8ase-17, IN08ase-17, S18 mode (25 fps mode)] 1280x960, VGA, QVGA I Transmission Mode Constant bit rate / V8R / Frame rate / B					
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GUI Audio Mic (Line) Input: On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Off Volume adjustment: Low / Middle / High Audio Output : On / Other State / Other / Audio Output : Output					
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GUI / Setup Menu Language English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Browser ⁴ Microsoft Edge, Firefox, Google Chrome Network IF 108ase-T / 1008ase-Tx, RI45 connector Resolution [16 : 9 mode (60 fps mode)] ² , [16 : 9 mode (30 fps mode)], H.265/ H.264/ JPEG (MJPEG) I = 9 mode (50 fps mode)] ² , 2, [16 : 9 mode (25 fps mode)], I = 20x(180, 1280x720, 640x360, 320x180 [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 ²⁵ , 1280x960, VCA, QVCA H.265/ H.264 ⁴ Irransmission Mode Unicast port (AUTO) / Unicast port (MANUAL) / Multicast	GUI	Audio	Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High		
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2048x1536*5, 1280x960, VGA, QVGA H.265/ Transmission Mode Constant bit rate / VBR / Frame rate / Best effort H.264*6 Transmission Type Unicast port (AUTO) / Unicast port (MANUAL) / Multicast					
H.265/ Transmission Mode Constant bit rate / VBR / Frame rate / Best effort H.264 ¹⁶ Transmission Type Unicast port (AUTO) / Unicast port (MANUAL) / Multicast					
H.264 ^{*6} Transmission Type Unicast port (AUTO) / Unicast port (MANUAL) / Multicast					
Image Quality I U steps					
		JPEG Image Quality	IU steps		

Appearance



Madarana	Caract Cardian			
Network	Smart Coding	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*8, MQTT*8, LLDP*8		
		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*8, MQTT*8, LLDP*8		
	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		
		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® 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 ^{*9}	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 : 2.5 V ±0.5 V		
	For line input :	Input level : Approx10 dBV		
	Audio Output ^{*9}	ø3.5 mm stereo mini jack (monaural output)		
		Output impedance : Approx. 600 Ω (unbalanced)		
		Output level : -20 dBV		
	External I/O Terminals ^{*9}	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)		
General	Safety	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1		
	EMC	FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassB, EN55035		
	Power Source and	DC power supply ⁹ : DC12 V 730 mA, Approx. 8.8 W		
	Power Consumption	PoE (IEEE802.3af compliant) Device : DC48 V 190 mA, Approx. 9.1 W (Class 0 device)		
	Ambient Operating	-40 °C to +60 °C (-40 °F to 140 °F)*10		
	Temperature	(Power On range : -30 °C to +60 °C {-22 °F to +140 °F})		
	Ambient Operating Humidity	10 to 100 % (no condensation)		
	Anti-Condensation System	Temish element + Heater + moisture absorption gel		
	Water and Dust Resistance	IP66, IEC60529 measuring standard compatible, Type 4X (UL50E), NEMA 4X compliant		
	Shock Resistance	50J (IEC 60068-2-75 compliant), IK10 (IEC 62262)		
	Dimensions	ø154 mm x 105 mm (H) {ø6-1/16 inches x 4-1/8 inches (H)}		
	Mass (approx.)	Approx. 1.1 kg {2.43 lbs.}		
	Finish	Main body : Aluminum die cast and resin, i-PRO white		
		Outer fixing screws : Stainless steel (Corrosion-resistant treatment)		
		Dome section : Polycarbonate resin, Smoke (with ClearSight coating)		
1 Convert	ouley bo			

*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. *4 For information on the operation verification of the supported web browsers, refer to our 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 It will be adapted to the products produced after December 2021. *9 When using with these, WV-QCA501A cable is required.

*10 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

Optional Accessories

Fiber Optic Media Converter Unit

Fiber-optic Media Converter Unit Fiber Optic Media Converter Unit supports long distance optical networks by converting copper RJ45 to fiber. WV-S25F1 Basic specifications (Light gray)

Power source	24 V AC(50 Hz/60 Hz)	
Ambient Operating Temperature :	-40 °C to +60 °C {-40 °F to 140 °F} (Power On range: -30 to +60 {-22 °F to 140 °F})	
Ambient Operating Humidity :	10 % to 100 %(no condensation)	
Waterproof	IP66(IEC60529)	
Shock resistance	IK10(IEC62262)	

 Support specifications for SFP module SFP Port Type LC type Ethernet Speed 100/1000 Mbps Supply voltage, current 3.3 V typical, Max. 300 mA SFP Cage Standard mini-SFP cage (For 6.5 mm pitch SFP) *Different Color Model WV-X65F1 (Fine silver)

Inis unit requires an SPF indule. Refer to website for compatible SPF modules. https://i-pro.com/global/en/surveillance/training-support/support/technical-information <Control No. : C0504>

Mount Bracket / Other

_	Moune Bracker Outer						
	WALL			POLE	CORNER	HANGING	
	1	2	3	1	1	1	2
oination	Wall Mount Bracket WV-QWL501-W (i-PRO white)	Wall Mount Bracket WV-QWL500-W (i-PRO white)	Sun Shade WV-QSR500-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)
			O	UUU			*For indoor installation only.
wou	Mount Bracket WV-QSR501-W (i-PRO white)	Adapter Box WV-QJB500-W (i-PRO white)	Base Bracket WV-QJB501-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.	U o I	al + 💟		8	3rd.parties pipe

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

		OTHER		
	1	2	3	1
combination	Ceiling Mount Bracket (Embedded) WV-QEM500-W (i-PRO white)	Base Bracket WV-QJB501-W (i-PRO white)	Ceiling Mount Bracket WV-Q105A "For indoor installation only.	Attachment pipe (For 3rd party bracket) WV-QAT500-W (i-PRO white)
				Mount Bracket WV-QSR501-W (i-PRO white)

Dome Cover



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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