### ::i·PRO

# WV-S66600-Z3

6MP Outdoor 30x PTZ Network Camera with AI engine

### **Rapid PTZ camera with AI engine**



- 6MP 30x PTZ camera
- Innovative New Form Factor PTZ
- Up to 3 Edge AI analytic apps
- Al auto tracking
- High speed Pan/Tilt drive (Pan: 700deg./s, Tilt: 500deg./s)
- IP66, IK10 certified
- Built-in FIPS 140-2 Level 3 Certified SecureElement (EdgeLock® SE050F NXP® Semiconductors)
- NDAA Compliant



# **SPECIFICATIONS**

Scienning Area         5.57 mm (H) X-313 mm (V) (V/32 Inches (H) X H3 inches (V))           Winimum Illumination         Coler: 0.31 k (SORE, FLS, 1/305) Winite Balance           ATWH / ATW2 / AWC           Shutter Speed         B0 fps model 1/30 Fix to 1/0000 Fix (25 fps model 1/30 Fix to 1/0000 Fix (25 fps model 1/30 Fix to 1/10000 Fix (25 fps Model)Ma:1/4000s to Max.16/255           Maximum shutter         B0 fps Model_Max.1/4000s to Max.16/255           Intelligent Auto         On / Off           Suppression         On / Off           Suppression         Maximum shutter           B0 (fps model_Hand)         Max.16/255           Intelligent Auto         On / Off           Suppression         On / Off           Suppression         Max.132 dB (Suppr Dynamic : On, Level 3)           Makipute Black Stretch         The level can be set in the range of 0 to 3.           Dynamic Range         Max.132 dB (Suppr Dynamic : On, Level 3)           Makipute Black Stretch         The level can be set in the range of 0 to 8 (only when Super dynamic [Intelligent Auto : OII)           Forg Compensation         On / Off / On (RL Ught Off) / On (RL Ught Of) / Auto2 (RL Ught On) / Auto3 (SCC)           Digital Noise Reduction         The level can be set in the range of 0 to 8 (only when intelligent Auto : OII)           Sound Classification         On / OII           Nideo Notion Detection (VMDO	Camera		
Image:	Image Sensor	Approx. 1/2.8 type CMOS image sensor	
color:::::::::::::::::::::::::::::::::::	Scanning Area		
Shitter Speed         [30 fps mode] 1/35 Fix to 1/10000 Fix [25 fps mode] 1/35 Fix to 1/10000 Fix [25 fps mode] 1/35 Fix to 1/10000 Fix           Maximum shutter         [30 fps mode] 1/35 Fix to 1/10000 Fix [25 fps Mode] Max.1/4000 sto Max.16/25s           Intelligent Auto         On / Off           Super Dynamic         On / Off           Dynamic Range         Max.132 dB (Super Dynamic : On Level 31)           Adaptive Black Stretch         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 3 (only when Super dynamic / Intelligent Auto : Off)           Forg Compensation/ High Light         BLC (Back light compensation) / HC (High light compensation / Off           Reg Compensation         On / Off. The level can be set in the range of 0 to 8 (only when Super dynamic / Intelligent Auto : orf)?           Maximum Gain (ACC)         The level can be set in the range of 0 to 8 (only when Super dynamic / Intelligent Auto : off)           Off         On (Intel light Off) / On (IR Light Off) / On (IR Light Off) / Auto2 (IR Light On) / Auto3 (SCC)           Digital Noise Reduction         The level can be set in the range of 0 to 255.           Video Metion Detection (MDD)         On / Off, areas available         Auto3 (IR Light Off) / On (IR Light Off) / On (IR Light Off) / Auto2 (IR Light Off) / Auto2 (IR Light Off) / Auto3 (SCC)           Digital Noise R	Minimum Illumination	Color : 0.19 lx (50IRE, F1.8, 1/30s)	
Image: Picture Provides and Picture Provides and Picture Provides Picture Provides Picture Provides Picture Pic	White Balance	ATW1 / ATW2 / AWC	
intelligent Auto       On / Off         Super Dynamic       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 / High Light       BLC (Back light compensation / HIC (High light compensation ) / Off         Forg Compensation       On / Off, The level can be set in the range of 0 to 31 (only when Super dynamic / Intelligent Auto : Off)         Forg Compensation       On / Off, The level can be set in the range of 0 to 31 (only when Intelligent Auto : Off)         Forg Compensation       On / Off, The level can be set in the range of 0 to 31 (only when Intelligent auto / auto contrast adjust : Off)         Maximum Gain (AGC)       The level can be set in the range of 0 to 10.         Color/BW (ICR)       Off / On (IR Light Off) / On (IR Light Off) / Auto2 (IR Light Off) / Auto3 (SCC)         Digital Noise Reduction       The level (an be set in the range of 0 to 255.         Video Mation Detection (VMD)       On / Off.         Audo Detection (VMD)       On / Off.         Auto Classification       Gunshot, Yell, Vehicle horn, Glass break         Auto Detection (SCD)       On / Off.         Auto Classification       Gunshot, Yell, Vehicle horn, alsolutions/en/survelliance/snalutics-snetware ad party appl	Shutter Speed		
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/ High Light         Cleak Light compensation/ JLC (High light compensation) / Off           Fog Compensation         On / Off, The level can be set in the range of 0 to 31 (only when Super dynamic / Intelligent Auto : Off)           Fog Compensation         On / Off, The level can be set in the range of 0 to 8 (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 Off) / Auto1 (IR Light Off / Auto2 (IR Light On) / Auto3 (SCC)           Digital Noise Reduction         The level can be set in the range of 0 to 255.           Video Motion Detection (VMD)         On / Off.           Audio Detection         On / Off.           Audio Detection         On / Off.           Audio Detection         On / Off.           Audio Detection, SCD)         On / Off.           Audio Detection, Al Non mask Detection, Al Privacy Guard, Al Face Detection, Al People Detection, Al Vehicle Detection, Al Non mask Detection, Al Occupancy Detection, Al People Detection, Al Vehicle Detection, Al Non mask Detection, Al Occupancy Environellance / solutions/en/surveillance/solutions/edge-ai-platform /application-list	Maximum shutter		
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 / High Light       BLC (Back light compensation / HLC (High light compensation) / Off The level can be set in the range of 0 to 31 (only when Super dynamic / Intelligent Auto : Off)         Fog Compensation       On / Off. The level can be set in the range of 0 to 31 (only when Super dynamic / Intelligent Auto : Off)         Maximum Gain (ACC)       The level can be set in the range of 0 to 11.         Color/BW (ICR)       Off / On (IR Light Off) / On (IR Light Off) / Auto1 (IR Light Off) / Auto2 (IR Light On) / Auto3 (SCC)         Digital Noise Reduction       The level can be set in the range of 0 to 255.         Video Motion Detection (VMD)       On / Off.         A areas available       Scene Change Detection (SCD)         Scene Change Detection (SCD)       On / Off         Al Analytics       Alvideo Motion Detection, Al Privacy Guard, Al Face Detection, Al Scene Change Detection         For details :       https://i-pro.com/products_and_solutions/en/surveillance/products/analytics-software Brites: Integs://i-pro.com/products_and_solutions/en/surveillance/products/analytics-software Brites: Integs://i-pro.com/products_and_solutions/en/surveillance/products/analytics-software Brites: Integs://i-pro.com/products_and_solutions/en/surveillance/solutions/edge-ai-platform/application-list         Privacy Zone       On / Off. Up to 32 zones available         VidQ	Intelligent Auto	On / Off	
Adaptive Black Stretch       The level can be set in the range of 0 to 255.         Back Light Compensation/ High Light       BLC (Back light compensation) / HLC (High light compensation) / Off         Fog Compensation       On / Off, The level can be set in the range of 0 to 3 (only when Intelligent Auto : Off)         Fog Compensation       On / Off, The level can be set in the range of 0 to 8 (only when Intelligent Auto : 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)         Digital Noise Reduction       The level can be set in the range of 0 to 255.         Video Motion Detection (VMD)       On / Off,         4 areas available       Tareas available         Scene Change Detection (SCD)       On / Off         Al Video Motion Detection, AI Privacy Guard, AI Face Detection, AI People Detection         Al Video Motion Detection, AI Non mask Detection, AI Occupancy Detection, AI Scene Change Detection         Al Video Motion Detection, AI Non mask Detection, AI Occupancy Detection, AI Scene Change Detection         Al Video Motion Detection, AI Non mask Detection, AI Occupancy Detection, AI Scene Change Detection         Al Video Motion Detection, AI Non mask Detection, AI Occupancy Detection, AI Scene Change Detection         Al Video Motion Detection (I) Up to 32 zones available         Vidgs       On / Off,	Super Dynamic	On / Off, The level can be set in the range of 0 to 31.	
Back Light Compensation / High Light       BLC (Back light compensation) / HLC (High light compensation) / Off         Compensation       On / Off, The level can be set in the range of 0 to 3 (only when Super dynamic / Intelligent Auto : Off)         Fog Compensation       On / Off, The level can be set in the range of 0 to 8 (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)         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)         Scene Change Detection (SCD)       On / Off         All Analytics       Al Video Motion Detection, AI Privacy Guard, AI Face Detection, AI People Detection, AI Vehicle Detection, AI Norm mask Detection, AI Occupancy Detection, AI Seene Change Detection         All Analytics       On / Off.         Privacy Zone       On / Off.         Vigs       On / Off.         Image Stabilizer       On / Off.         Marge Rotation       On / Off.         On / Off.       Scene Change Detection, AI No mask Detection, AI Privacy Guard, AI Face Detection, AI Seene Change Detection         For details :       htttps://i-pro.com/products_and_solutions/en/	Dynamic Range	Max.132 dB (Super Dynamic : On, Level 31)	
Compensation         The level can be set in the range of 0 to 31 (only when Super dynamic / Intelligent Auto : Off)           Fog Compensation         On / Off, The level can be set in the range of 0 to 8 (only when Intelligent auto / auto contrast adjust : Off)           Maximum Gain (AGC)         The level can be set in the range of 0 to 8 (only when Intelligent auto / auto contrast adjust : Off)           Color/BW (ICR)         Off / On (IR Light Off) / On (IR Light On) / Auto1 (IR Light On) / Auto2 (IR Light On) / Auto3 (SCC)           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           Audio Detection         On / Off           Audio Detection         On / Off           All Video Motion Detection, AI Velice horn, Class break         All Video Motion Detection, AI Privacy Guard, AI Face Detection, AI People Detection, AI Vehicle Detection, AI Non mask Detection, AI Occupancy Detection, AI Scene Change Detection, AI Vehicle Detection, AI Non mask Detection, AI Occupancy Detection, AI Scene Change Detection, Set available           Privacy Zone         On / Off, Guitt-in gyro sensor)         On / Off           Image Rotation         On / Off         Image Rotation         On / Off           Image Rotation         On / Off         Image Rotation         On / Off	Adaptive Black Stretch	The level can be set in the range of 0 to 255.	
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)         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       On / Off         Al Video Motion Detection, Al Privacy Guard, Al Face Detection, Al People Detection, Al Vehicle Detection, Al Non mask Detection, Al Occupancy Detection, Al Scene Change Detection Por details : https://i-pro.com/products_and_solutions/en/surveillance/polutions/edge-ai-platform/application-list         Privacy Zone       On / Off, Up to 32 zones available         mage Stabilizer       On / Off         mage Stabilizer       On / Off         mage Rotation       On / Off         On / Off       On / Off         camera Title (OSD)       On / Off, Up to 40 characters (alphanumeric characters, marks)	Back Light Compensation/ High Light Compensation		
Color/BW (ICR)       Off / On (IR Light Off) / On (IR Light On) / Autol (IR Light Off) / Auto2 (IR Light On) / Auto3 (SCC)         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         Audio Detection       On / Off         Al Sound Classification       Gunshot, Yell, Vehicle horn, Class break         Al Analytics       Al Video Motion Detection, Al Privacy Guard, Al Face Detection, Al People Detection For details : https://i-pro.com/products_and_solutions/en/surveillance/products/analytics-software 3rd party applications are also available         Privacy Zone       On / Off, Up to 32 zones available         ViQS       On / Off (Built-in gyro sensor)         Image Rotation       On / Off         On / Off       On / Off         Image Rotation       On / Off, Up to 40 characters (alphanumeric characters, marks)	Fog Compensation		
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       Al Video Motion Detection, AI Privacy Guard, AI Face Detection, AI People Detection, AI Vehicle Detection, AI Non mask Detection, AI Occupancy Detection, AI Scene Change Detection For details : https://i-pro.com/products_and_solutions/en/surveillance/products/analytics-software 3rd party applications are also available. https://i-pro.com/products_and_solutions/en/surveillance/solutions/edge-ai-platform/application-list         Privacy Zone       On / Off, Up to 32 zones available         Vilgs       On / Off (Built-in gyro sensor)         Image Stabilizer       On / Off         On / Off       On / Off         Camera Title (OSD)       On / Off, Up to 40 characters (alphanumeric characters, marks)	Maximum Gain (AGC)	The level can be set in the range of 0 to 11.	
Video Motion Detection (VMD)       On / Off,         4 areas available       On / Off,         1 areas available       1 areas available         Audio Detection       On / Off         Al Sound Classification       Gunshot, Yell, Vehicle horn, Glass break         Al Analytics       Al Video Motion Detection, AI Privacy Guard, AI Face Detection, AI People Detection, AI Vehicle Detection, AI Non mask Detection, AI Occupancy Detection, AI Scene Change Detection         For details :       https://i-pro.com/products_and_solutions/en/surveillance/products/analytics-software 3rd party applications are also available.         Privacy Zone       On / Off, Up to 32 zones available         Vilgs       On / Off (Built-in gyro sensor)         Image Rotation       On / Off         Camera Title (OSD)       On / Off, Up to 40 characters (alphanumeric characters, marks)	Color/BW (ICR)	Off / On (IR Light Off) / On (IR Light On) / Auto1 (IR Light Off) / Auto2 (IR Light On) / Auto3 (SCC)	
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       Al Video Motion Detection, Al Privacy Guard, Al Face Detection, Al People Detection, Al Vehicle Detection, Al Non mask Detection, Al Occupancy Detection, Al Scene Change Detection For details : https://i-pro.com/products_and_solutions/en/surveillance/products/analytics-software 3rd party applications are also available. https://i-pro.com/products_and_solutions/en/surveillance/solutions/edge-ai-platform/application-list         Privacy Zone       On / Off, Up to 32 zones available         Mage Rotation       On / Off         Image Rotation       On / Off         On / Off       On / Off         Camera Title (OSD)       On / Off, Up to 40 characters (alphanumeric characters, marks)	Digital Noise Reduction	The level can be set in the range of 0 to 255.	
1 areas available         Audio Detection       On / Off         Al Sound Classification       Gunshot, Yell, Vehicle horn, Glass break         Al Analytics       Al Video Motion Detection, Al Privacy Guard, Al Face Detection, Al People Detection, Al Vehicle Detection, Al Non mask Detection, Al Occupancy Detection, Al Scene Change Detection         For details :       https://i-pro.com/products_and_solutions/en/surveillance/products/analytics-software 3rd party applications are also available.         Privacy Zone       On / Off, Up to 32 zones available         VIQS       On / Off, Up to 8 zones available         Image Stabilizer       On / Off         Image Rotation       On / Off         On / Off, Up to 40 characters (alphanumeric characters, marks)	Video Motion Detection (VMD)		
Al Sound Classification       Gunshot, Yell, Vehicle horn, Glass break         Al Analytics       Al Video Motion Detection, Al Privacy Guard, Al Face Detection, Al People Detection, Al Vehicle Detection, Al Non mask Detection, Al Occupancy Detection, Al Scene Change Detection         For details :       https://i-pro.com/products_and_solutions/en/surveillance/products/analytics-software 3rd party applications are also available.         Privacy Zone       On / Off, Up to 32 zones available         VIQS       On / Off (Built-in gyro sensor)         Image Rotation       On / Off         Camera Title (OSD)       On / Off, Up to 40 characters (alphanumeric characters, marks)	Scene Change Detection (SCD)		
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Detection, AI Non mask Detection, AI Occupancy Detection, AI Scene Change DetectionFor details : https://i-pro.com/products_and_solutions/en/surveillance/products/analytics-software 3rd party applications are also available. https://i-pro.com/products_and_solutions/en/surveillance/solutions/edge-ai-platform/application-listPrivacy ZoneOn / Off, Up to 32 zones availableVIQSOn / Off, Up to 8 zones availableImage StabilizerOn / Off (Built-in gyro sensor)Image RotationOn / OffOn / Off, Up to 40 characters (alphanumeric characters, marks)	AI Sound Classification	Gunshot, Yell, Vehicle horn, Glass break	
VIQS       On / Off, Up to 8 zones available         Image Stabilizer       On / Off (Built-in gyro sensor)         Image Rotation       On / Off         Camera Title (OSD)       On / Off, Up to 40 characters (alphanumeric characters, marks)	Al Analytics	Detection, AI Non mask Detection, AI Occupancy Detection, AI Scene Change Detection For details : https://i-pro.com/products_and_solutions/en/surveillance/products/analytics-software	
Image Stabilizer     On / Off (Built-in gyro sensor)       Image Rotation     On / Off       Camera Title (OSD)     On / Off, Up to 40 characters (alphanumeric characters, marks)	Privacy Zone	On / Off, Up to 32 zones available	
Image Rotation     On / Off       Camera Title (OSD)     On / Off, Up to 40 characters (alphanumeric characters, marks)	VIQS	On / Off, Up to 8 zones available	
Camera Title (OSD) On / Off, Up to 40 characters (alphanumeric characters, marks)	Image Stabilizer	On / Off (Built-in gyro sensor)	
	Image Rotation	On / Off	
ons	Camera Title (OSD)	On / Off, Up to 40 characters (alphanumeric characters, marks)	
	Long		

Optical zoom

30x (Motorized zoom / Motorized focus)

Extra zoom	Max. 78x(30x - 78x when resolution is 1280x720)		
Focal length	4.5mm - 135mm(3/16 inches - 5-5/16 inches)		
Angular Field of View	[16 : 9 mode]Horizontal : 2.5° (TELE) – 62° (WIDE), Vertical : 1.4° (TELE) – 37° (WIDE)		
Maximum Aperture Ratio	1:1.8 (WIDE) - 1:4.7 (TELE)		
Focus range	3.0 m {118-1/8 inches} -∞		
Aperture range	F1.8 – close		
DORI			
Detect (25ppm / 8ppf)	Wide: 110.8 m / 363.4 ft, Tele: 3050.4 m / 10007.9 ft		
Observe (62.5ppm / 19ppf)	Wide: 44.3 m / 145.4 ft, Tele: 1220.2 m / 4003.2 ft		
Recognize (125ppm / 38ppf)	Wide: 22.2 m / 72.7 ft, Tele: 610.1 m / 2001.6 ft		
Identify (250ppm / 76ppf)	Wide: 11.1 m / 36.3 ft, Tele: 305.0 m / 1000.8 ft		
System on Chip (SoC)			
System on Chip (SoC)	Ambarella CV22		
Adjusting Angle	Horizontal : 360° Endless Panning, TILT : -20° to +90°, Yaw : 0°		
Adjusting Angle	Honzontal: 360 Engless Panning, TLL: -20 to +90, Yaw: 0		
Pan /tilt			
Panning Range	360° Endless panning		
Panning Speed	Manual: Approx. 0.065°/s – 150°/s Preset: Up to approx. 700°/s		
Tilting Range	Operational range -20° – +90°		
Tilting Speed	Manual: Approx. 0.065°/s –150°/s Preset: Up to approx. 500°/s		
Preset Positions	256 positions		
Auto Mode	Auto track/ Auto pan/ Preset sequence/ Patrol		
Self Return	10 s/ 20 s/ 30 s/ 1 min/ 2 min/ 3 min/ 5 min/ 10 min/ 20 min/ 30 min/ 60 min		
Active ClearSight	Yes		
Browser GUI			
GUI / Setup Menu Language	English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese		
Browser *1	Microsoft Edge, Firefox, Google Chrome		
Network Network IF	10Base T / 100Base TV, BUIE connector		
Resolution H.265/ H.264/ JPEG (MJPEG)	10Base-T / 100Base-TX, RJ45 connector [16:9 mode (30 fps mode)] [16:9 mode (25 fps mode)] 3328x1872/ 2560x1440/ 1920x1080/ 1280x720/ 640x360/ 320x180		
H.265/H.264 Transmission Mode / Type *2	[Transmission Mode] Constant bit rate / VBR / Frame rate / Best effort [Transmission Type] Unicast port (AUTO) / Unicast port (MANUAL) / Multicast		
JPEG	[Image Quality] 10 steps		
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 method *3	G.726 (ADPCM) : 16 kbps / 32 kbps G.711 : 64 kbps AAC-LC : 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 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, MQTT, NTCIP	
No. of Simultaneous Users	Up to 14 users (Depends on network conditions)	
Secure	FIPS 140-2 level 3 (NXP® EdgeLock® SE050F), Device Certificate GlobalSign® pre-installed, HTTPS, User authentication, Digest authentication, Host authentication, IEEE802.1X, System log, Image transmission log, Brute-force protection, Alteration detection	
SDXC/SDHC/SD Memory Card (Option)	H.265 / H.264 recording : 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 microSDHC memory card : 2 GB	
Mobile Terminal Compatibility	iPad, iPhone (iOS 8.0 or later), AndroidTM 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		
Audio Input *4	ø3.5 mm stereo mini jack Recommended applicable microphone: Plug-in power type (Sensitivity of microphone:-51dB to -38dB (O dB=1 V/Pa, 1 kHz)) Input impedance: Approx. 2 k $\Omega$ (unbalanced) Supply voltage: 4.0V±0.5V For line input : Input level : Approx. –10 dBV	
Audio Output *4	ø3.5 mm stereo mini jack (Audio output is monaural.) Output impedance: Approx. 600 $\Omega$ (unbalanced) Output level: –20 dBV	
External I/O Terminals *4	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 Issue 7 ClassA, EN55032 ClassA, EN55035	
Other Standard	NEMA-TS2	
Power Source and Power Consumption	PoE++ (IEEE802.3bt compliant) DC 54 V : 700 mA/Approx. 37.8 W (Class 6 device)	
Ambient Operating Temperature	<ul> <li>-50 °C to 60 °C * {-58 °F to 140 °F}</li> <li>(Power On range: -30 °C to +60 °C {-22 °F to 140 °F})</li> <li>Maximum temperature according to NEMA TS 2 (2.2.7) : 74°C (165°F)</li> <li>* When using with the IR LED light constantly lit, the upper limit of the operating temperature range is +50°C {+122 °F}.</li> </ul>	
Ambient Operating Humidity	10 to 100 % (no condensation)	
Water and Dust Resistance	IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant	
Shock Resistance	IK10 (IEC 62262)	
Wind Resistance	Up to 40 m/s {approx. 89 mph}	
Dimensions	Maximum diameter: $\phi$ 167mm × 205 mm (H){ $\phi$ 6-9/16 inches × 8-1/16 inches (H)} Dome radius SR 77.5 mm {SR 3-1/16 inches} (excluding an attachment for the conduit portion and protruding parts)	

Finish	Main body : Aluminum die cast, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment) Dome cover: Polycarbonate resin, Clear
Other	Tamper-resistant enclosure *5

#### NOTES

\*1 For information on the operation verification of the web browsers, refer to our support website <Control No.: C0132>.

\*2 Transmission for 4 streams can be individually set.

\*3 When recording audio on an SD memory card, only use AAC-LC (Advanced Audio Coding - Low Complexity) .

\*4 When using with them, WV-QCA501A cable is required.

\*5 Component that has a structure on which the screws that are accessible after installation cannot be screwed or unscrewed using an ordinary screwdriver.

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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## :::·PRO

WV-QSR506F-W

Mount Bracket

WV-QCL501-W

Mount Bracket

# **OPTIONAL ACCESSORIES**

Select a compatible accessory Accessory Selector (i-pro.com)



WV-QWL502-W Mount Bracket



WV-QSR506-W Mount Bracket



WV-QCL101-W Mount Bracket



WV-QWL501-W Mount Bracket



WV-QPL500-W Mount Bracket



WV-QCL100-W Mount Bracket



WV-QSR506M1-W Mount Bracket



WV-QJB505-W Base Bracket



WV-SDB256G i-PRO SD Memory Card



WV-QSR506M-W Mount Bracket



WV-QEM505-W Ceiling Mount Bracket



WV-QSR506F1-W Mount Bracket



WV-QCN500-W



WV-SDB064G

i-PRO SD Memory Card

WV-SDB032G i-PRO SD Memory Card



WV-QCA501A I/O Cable



WV-PM500 Compact microphone unit for surveillance cameras



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WV-SDB128G
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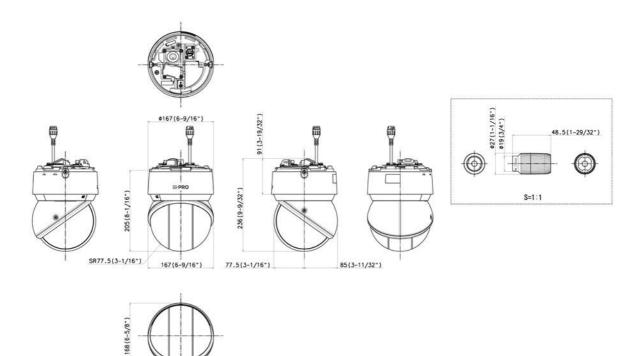
i-PRO SD Memory Card



Mount Bracket



### **APPEARANCE**



	投影面積/Projected area	
正面図/Front-view	0.029 (m <sup>2</sup> )	Unit:mm
側面図/Side-view	0.029 (m <sup>2</sup> )	A -
Mass : Approx. 3	kg [6.62 lbs]	Q U