

# WV-S65340-Z4G

(-G:Smoke Dome type)

## S-series PTZ camera with AI Engine

## 2MP (1080p) 40x Outdoor PTZ Network Camera

S-series models come standard with Al automatic tracking. It can automatically detect, zoom, and track intruders in a wide area, thereby supporting surveillance operators in many scenes. It also achieves the industry's highest level of drive durability to withstand high-speed and high-frequency camera movement by the automatic monitoring function.

## Al monitoring camera, standard with Al Auto-tracking

- Al analysis functionality is standard on the camera side to promote automated surveillance. Accurately detects people and vehicles and automatically zooms in on intruders. Support surveillance operators to ensure that no tracked object is missed.

Additional applications can be installed (up to two applications) to expand analysis functions such as Al privacy guard, person/vehicle attribute detection, etc.

## Highly durable pan-tilt drive unit Reduced maintenance costs

- High durability gear drive achieves PAN and TILT drive durability (3.7 million movements). Low failure rate even with high frequency drive by automatic tracking function and reduced maintenance cost by minimizing the maintenance cycle.

## **Easy installation**

- S-series compact PTZ cameras can be installed discreetly and easily on low ceilings.
- Easy kitting packaging allows the camera to be set up without removing it from the box during kitting prior to installation.
- The addition of a diverse lineup of mounting brackets and optional PoE injectors enables flexible installation regardless of the location of new or existing installations.

### High security standard

- Highest level of security. In addition to digital certificates issued by a third-party organization (GlobalSign®), FIPS 140-2 Level 3 certified EdgeLock® SE050F secure element (NXP® Semiconductors) is embedded.

#### Key i-PRO Spec.

- 2MP (1080p) 1920x1080
- 40x optical zoom
- Intelligent Auto (with AI Engine)
- Super Dynamic 144dB
- Color night vision (0.003 to 0.045 lx)
- Durable Pan/Tilt gear mechanism
- IP66, IP67, IK10 certified
- ONVIF® Profile G / M / S / T \*ONVIF is a trademark of ONVIF, Inc.
- FIPS 140-2 level 3 certified
   \*Built-in EdgeLock® SE050F (NXP® Semiconductors)
- NDAA Compliant





#### Specifications

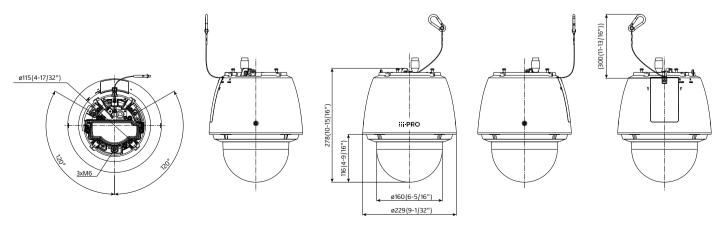
Camera	Image Sensor	Approx. 1/2.8 type CMOS image sensor			
	Minimum Illumination	Color: 0.045 lx (50IRE, F1.6, 1/30s)			
		Color: 0.003 lx (50IRE, F1.6, 16/30s)*1			
		BW: 0.017 lx (50IRE, F1.6, 1/30s)			
		BW: 0.0011 lx (50IRE, F1.6, 16/30s)			
	White Balance	ATW1 / ATW2 / AWC			
	Shutter Speed	[60 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.  BLC (Back light compensation) / HLC (High light compensation) / Off			
	Back light compensation /				
	High light compensation	The level can be set in the range of 0 to 31 (only when Super dynamic / Intelligent Auto : Of			
	Fog compensation	On / Off, The level can be set in the range of 0 to 8			
	9 · · · P - · · · · · · · · · · · · ·	(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   Auto1   Auto2   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	Gunshot, Yell, Vehicle horn, Glass break			
	Al Analytics	On / Off, Up to 32 zones available			
	Privacy Zone				
	VIQS	On / Off, Up to 8 zones available			
	Image Stabilizer	On / Off			
	Camera Title (OSD)	On / Off, Up to 40 characters (alphanumeric characters, marks)			
	Focus Adjustment	Auto focus			
Lens	Optical zoom	40x (Motorized zoom / Motorized Focus)			
LCIIS	Extra zoom	Max. 60x (40 to 60x : When resolution is 1280 x 720)			
	Focal length	4.25 - 170 mm {11/64 inches - 6-11/16 inches}			
	Angular Field of View	[16:9 mode]			
		Horizontal : 2.1° (TELE) - 65° (WIDE), Vertical : 1.2° (TELE) - 39° (WIDE)   4 : 3 mode    Horizontal : 1.6° (TELE) - 51° (WIDE), Vertical : 1.2° (TELE) - 39° (WIDE)			
	Maximum Aperture Ratio	1:1.6 (WIDE) -1:4.95 (TELE)			
	Focus range	3 m {118-7/64 inches} - ∞			
DORI	Detect (25ppm / 8ppf)	Wide: 60.3 m / 197.8 ft, Tele: 2095.2 m / 6873.9 ft			
	Observe (62.5ppm / 19ppf)	Wide: 24.1 m / 79.1 ft, Tele: 838.1 m / 2749.5 ft			
	Recognize (125ppm / 38ppf)	Wide: 12.1 m / 39.6 ft, Tele: 419.0 m / 1374.8 ft			
	Identify (250ppm / 76ppf)	Wide: 6.0 m / 19.8 ft, Tele: 209.5 m / 687.4 ft			
System o	on Chip (SoC)	Ambarella CV25M			
Adjusting		Horizontal : 360° Endless Panning, Vertical : -15° to +195°, Yaw : 0°			
	Panning Range	360° Endless Panning			
,	Panning Speed	Manual: Approx. 0.065°/s – 150°/s			
	l allilling speed	Preset: Up to approx. 500°/s			
	Tilting Range	Operational -15 - +195°			
	Tilting Speed	Manual: Approx. 0.065°/s –150°/s Preset: Up to approx. 500°/s			
	Tilding Speed	Mandai. Approx. 6.665   3   156   3   1   156   5   1   156   1   156   1   156   1   156   1   156   1   156   1   156   1   156			
	Procet Positions	256 positions			
	Preset Positions	256 positions			
	Auto Mode	Auto track/ Auto pan/ Preset sequence/ Patrol			
Rrowser	Auto Mode Self Return	Auto track/ Auto pan/ Preset sequence/ Patrol  10 s/ 20 s/ 30 s/ 1 min/ 2 min/ 3 min/ 5 min/ 10 min/ 20 min/ 30 min/ 60 mir			
Browser	Auto Mode Self Return Camera Control	Auto track/ Auto pan/ Preset sequence/ Patrol  10 s/ 20 s/ 30 s/ 1 min/ 2 min/ 3 min/ 5 min/ 10 min/ 20 min/ 30 min/ 60 mir  Brightness, AUX On / Off			
Browser GUI	Auto Mode Self Return	Auto track/ Auto pan/ Preset sequence/ Patrol 10 s   20 s   3 os   1 min   2 min   3 min   5 min   10 min   20 min   30 min   60 mir Brightness, AUX On / Off Mic (Line) Input: On   Off Volume adjustment: Low / Middle / High			
	Auto Mode Self Return Camera Control Audio	Auto track/ Auto pan/ Preset sequence/ Patrol  10 s/ 20 s/ 30 s/ 1 min/ 2 min/ 3 min/ 5 min/ 10 min/ 20 min/ 30 min/ 60 min  Brightness, AUX On / Off  Mic (Line) Input: On / Off  Volume adjustment: Low / Middle / High  Audio Output : On / Off Volume adjustment: Low / Middle / High			
	Auto Mode Self Return Camera Control Audio GUI / Setup Menu Language	Auto track/ Auto pan/ Preset sequence/ Patrol  10 s/ 20 s/ 30 s/ 1 min/ 2 min/ 3 min/ 5 min/ 10 min/ 20 min/ 30 min/ 60 min  Brightness, AUX On / Off  Mic (Line) Input: On / Off Volume adjustment: Low / Middle / High  Audio Output : On / Off Volume adjustment: Low / Middle / High  English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese			
GUI	Auto Mode Self Return Camera Control Audio GUI / Setup Menu Language Browser*3	Auto track/ Auto pan/ Preset sequence/ Patrol 10 s/2 Os / 3 Os / 1 min/ 2 min/ 3 min/ 5 min/ 10 min/ 20 min/ 30 min/ 60 mir Brightness, AUX On / Off Mic (Line) Input: On / Off Volume adjustment: Low / Middle / High Audio Output: On / Off Volume adjustment: Low / Middle / High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes Microsoft Edge, Firefox, Google Chrome			
	Auto Mode Self Return Camera Control Audio GUI / Setup Menu Language Browser'3	Auto track/ Auto pan/ Preset sequence/ Patrol  10 s/2 Os / 3 Os / 1 min / 2 min / 3 min / 5 min / 10 min / 20 min / 30 min / 60 min  Brightness, AUX On / Off  Mic (Line) Input: On / Off  Volume adjustment: Low / Middle / High  Audio Output: On / Off  Volume adjustment: Low / Middle / High  Fanglish, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes  Microsoft Edge, Firefox, Google Chrome  10Base-T / 100Base-TX, R145 connector  [16: 9 mode (60 fps mode)] <sup>72</sup> , [16: 9 mode (30 fps mode)],  [16: 9 mode (50 fps mode)] <sup>72</sup> , [16: 9 mode (25 fps mode)]			
GUI	Auto Mode Self Return Camera Control Audio GUI / Setup Menu Language Browser'3 Network IF Resolution	Auto track/ Auto pan/ Preset sequence/ Patrol  10 s/2 Os / 3 Os / 1 min / 2 min / 3 min / 5 min / 10 min / 20 min / 30 min / 60 min  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 Volume adjustment: Low / Middle / High  English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes  Microsoft Edge, Firefox, Google Chrome  108ase-T/ 100Base-TX, RM5 connector  [16: 9 mode (60 fps mode)] <sup>72</sup> , [16: 9 mode (30 fps mode)],  [16: 9 mode (50 fps mode)] <sup>72</sup> , [16: 9 mode (25 fps mode)]  1920x1080, 1280x720, 640x360, 320x180  [4: 3 mode (30 fps mode)], [4: 3 mode (25 fps mode)]			
GUI	Auto Mode Self Return Camera Control Audio GUI / Setup Menu Language Browser'3 Network IF Resolution	Auto track/ Auto pan/ Preset sequence/ Patrol  10 s/2 Os / 3 Os / 1 min / 2 min / 3 min / 5 min / 10 min / 20 min / 30 min / 60 min  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  Volume adjustment: Low / Middle / High  English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes  Microsoft Edge, Firefox, Google Chrome  10Base-T / 100Base-TX, RJ45 connector  [16: 9 mode (50 fps mode)] '2 , [16: 9 mode (30 fps mode)],  [16: 9 mode (50 fps mode)] '2 , [16: 9 mode (25 fps mode)]  1920x1080, 1280x720, 640x360, 320x180  [4: 3 mode (30 fps mode)], [4: 3 mode (25 fps mode)]  [4: 3 mode (15 fps mode)], [4: 3 mode (12.5 fps mode)]			
GUI	Auto Mode Self Return Camera Control Audio GUI / Setup Menu Language Browser'3 Network IF Resolution H.265/ H.264/ JPEG (MJPEG)	Auto track/ Auto pan/ Preset sequence/ Patrol  10 s/2 Os / 3 Os / 1 min / 2 min / 3 min / 5 min / 10 min / 20 min / 30 min / 60 min  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 Volume adjustment: Low / Middle / High  English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes  Microsoft Edge, Firefox, Google Chrome  10Base-T / 100Base-TX, RJ45 connector  [16:9 mode (60 fps mode)]*2, [16:9 mode (30 fps mode)],  [16:9 mode (60 fps mode)]*2, [16:9 mode (25 fps mode)]  1920x1080, 1280x720, 640x360, 320x180  [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)]  2048x1536*4, 1280x960, VGA, QVGA			
GUI	Auto Mode Self Return Camera Control Audio GUI / Setup Menu Language Browser'3 Network IF Resolution H.265/ H.264/ JPEG (MJPEG)	Auto track/ Auto pan/ Preset sequence/ Patrol  10 s/2 Os / 3 Os / 1 min / 2 min / 3 min / 5 min / 10 min / 20 min / 30 min / 60 min  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  Volume adjustment: Low / Middle / High  English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes  Microsoft Edge, Firefox, Google Chrome  10Base-T / 100Base-TX, RJ45 connector  [16: 9 mode (50 fps mode)] '2 , [16: 9 mode (30 fps mode)],  [16: 9 mode (50 fps mode)] '2 , [16: 9 mode (25 fps mode)]  1920x1080, 1280x720, 640x360, 320x180  [4: 3 mode (30 fps mode)], [4: 3 mode (25 fps mode)]  [4: 3 mode (15 fps mode)], [4: 3 mode (12.5 fps mode)]			

Smart Coding   GOP (Group of pictures) control: Off Jow (variable COP 14s-16s)			I			
Advanced [Rieed GOP 60s w] is key-frame/] Frame rate control (Variable CoP 4s -16s with frame rate control) "Advanced and Frame rate control are only available with H.265. Smart ViQS: On[High] (On(Low)) CIT, Smart P-picture control: On]Off Audio Compression G. 726 (ADRW): 16 kbps J 3c kbps G.71 G. 64 kbps J 96 kbps J 128 kbps AAC-LC*6 G. 64 kbps J 96 kbps J 128 kbps AUdio transmission mode Off J Mc (Line) input J Audio output   Interactive (Hall duples)   Interactive (Full duples) Bupported Protocol IP-61: TCPIP, DUPP /H.THT: PITF. SSL/TIS, SMTP, DNS, NTP, SNMPv1/v2/v3, IP-61-CVP, RTP, MLD, CMAP, ARP, LEEE 802. IX, Diffsen, STP, MOTT, LUDP IP-41: TCPIP, DUPP /H.THT: PITF. SSL/TIS, SMTP, DNS, NTP, SNMPv1/v2/v3, IP-61-CVP, DNS, DDNS, NTP, SNMPv1/v2/v3, UPnP, LGMP, ICMP, ARP, IEEE 802. IX, Diffsen, SRTP, STPT, RYPIF, SMTP, SMTP, STP, STP, TRYP, TRYP, SMTP, SECURE No. of Simultaneous Users IP-61-CVP, DNP, LOPP /H.THT: PITF. SSL/TIS, SMTP, DNS, NTP, SNMPv1/v2/v3, IP-61-CVP, DNP, LOPP /H.THT: PITF. SSL/TIS, SMTP, DNS, NTP, SNMPv1/v2/v3, IP-61-CVP, DNP, LOPP /H.THT: PITF. SSL/TIS, SMTP, DNS, NTP, SNMPv1/v2/v3, IP-61-CVP, DNP, LOPP /H.THT: PISS, SMTP, STP, RYP, RYPIF, CSL, SMTP, IP-61-CVP, DNP, LOPP /H.TTP, SSL/TIS, SMTP, DNS, NTP, SNMPv1/v2/v3, IP-61-CVP, DNP, LOPP /H.TTP, SSL/TIS, SMTP, DNS, NTP, SNMPv1/v2/v3, IP-61-CVP, DNP, LOPP /H.TTP, SSL/TIS, SMTP, SMTP, MOTT, LUDP IP-61-CVP, DNP, LOPP /H.TTP, SSL/TIS, SMTP, SMTP, MOTT, LUDP IP-61-CVP, DNP, MOTT, PM, DNP, MOTT, SMTP, SNMPv1/v2/v3, IP-61-CVP, SMTP, SM	Network	Smart Coding	GOP (Group of pictures) control:			
Frame rate control (Variable COP 4s-16s with frame rate control) *Advanced and Frame rate control are only available with 14_265. Smart VIQS: On (High) (On (Low)) Off. Smart P-picture control: On (Off G. 726 (ADPCM): 16 kbps / 32 kbps Audio transmission mode Off   Mic (Imple   part / Audio output   Interactive   Haif duples)   Interactive   Full duples) Supported Protocol  IP6-1 CP(IP), UDP/IP, HTTP, HTTP, SSI/TLS, SMTP, DNS, NTP, SNMP/I/22/3, DNC/NG, RTP, MD, CAMP, ARP, IEEB 802, XD, DHSW-S, STP, MOTT, LDP IP4-1 CP(IP), UDP/IP, HTTP, HTTPS, SSI/TLS, SMTP, DNS, NTP, SNMP/I/22/3, DHC/NG, RTP, MD, CAMP, ARP, IEEB 802, XD, DHSW-S, STP, MOTT, LDP IP4-1 CP(IP), UDP/IP, HTTP, HTTPS, SSI/TLS, RTSP, RTP, RTP(RTCP, SMTP, DHCP, DNS, DDNS, NTP, SNMPVI)/2/3, UPA, INC, MISTER, STP, DHCP, DNS, DDNS, NTP, SNMPVI)/2/3, UPA, INC, MISTER, STP, MOTT, LDP IP4-1 CP(IP), UDP/IP, HTTP, HTTPS, SSI/TLS, RTSP, RTP, RTP(RTCP, SMTP, DHCP, DNS, DDNS, NTP, SNMPVI)/2/3, UPA, INC, INC, INC, INC, INC, INC, INC, INC			1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '			
"Advanced and Frame rate control are only available with H. 265.  Smart VIQS: On (High) I On (Low) [Off, Smart P-picture control: On [Off C. 726 (ADPCM): 16 kbps / 32 kbps G. 71  Audio Compression  Off [Mic (Line) input; J Audio output   Interactive [Half duplex]   Interactive [Full duplex]   Interactive [Ful						
Audio Compression			Frame rate control (Variable GOP 4s-16s with frame rate control)			
Audio Compression G. 726 (ADPCM): 16 kbps / 32 kbps G. 711 : 64 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 96 kbps / 128 kbps AAC-LC** : 64 kbps / 128 kbps / 128 kbps / 128 kbps AAC-LC** : 64 kbps / 128			*Advanced and Frame rate control are only available with H.265.			
Audio transmission mode  Audio transmission mode  Off Mic (Line) input / Audio output / Interactive (Half dupled) / Interactive (Full dupled)  Supported Protocol  Prés : TCP/Pl. UPP/Pl., HTTP, HTTPS, SSL/TLS, SMTP, DNS, NTP, SMNPAPI/V2/V3, DHCP-N6, RTP, MID. (CMP, ARP, REES BOZI, M.) (Iffsers, STP, MQTT, LIDP)  Prés : TCP/Pl. UPP/Pl., HTTP, HTTPS, SSL/TLS, RTSP, RTP, RTP/RTCP, SMTP, DHCP, DNS, DNS, NTP, SMTP, PMP, SLD, SMTP, DHCP, DNS, DNS, NTP, SMTP, RTP, RTP, RTCP, SMTP, DHCP, DNS, DNS, NTP, SMTP, MDP, SLD, SMTP, SMTP, SMTP, SMTP, SMTP, SMTP, SMTP, SMTP, STP, MQTT, NTCIP  No. of Simultaneous Users  FIPS 140-2 (Level 3) (NXPP Edgelock** SEDSOF), Device Certificate GlobalSign** pre-installed, User authentication, HTTPS, 802 IX Support  SDXC/SDHC/SD  H. 265 / H. 264 recording:  Manual REC / Alarm REC (Pre/Post) / Backup upon network failure precording:  Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card: microSDXC memory card: 64 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 22 GB  Mobile Terminal Compatibility in Pred incrosDHC memory card: 64 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 22 GB  Mobile Terminal Compatibility in Pred incrosDHC memory card: 64 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 64 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 64 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 64 GB, 80 GB, 18 GB,						
Audio transmission mode  Supported Protocol  Off   Mc (Line) input   Audio output   Interactive   In		Audio Compression	G.726 (ADPCM) : 16 kbps / 32 kbps			
Audio transmission mode  Off   Mic (Line) input   Audio output   Interactive (Half dupled)   Interactive (Full dupled)  IPv6 : TCP Pv , UDP Pv , HTTP, HTTPS, SSL/TLS, SMTP, DNS, NTP, SNMPv1/v2/v3, DHCPv6, RTP, MID, ICMP, ARP, IEEE 802.TX, DIffserv, SFTP, MQTT, LLDP  IPv4 : TCP Pv , UDP Pv , HTTP, HTTPS, SSL/TLS, RTSP, RTP, RTP, RTP, RTP, RTP, RTP, RTP, RT			G.711 : 64 kbps			
Audio transmission mode  Off   Mic (Line) input   Audio output   Interactive (Half dupled)   Interactive (Full dupled)  IPv6 : TCP Pv , UDP Pv , HTTP, HTTPS, SSL/TLS, SMTP, DNS, NTP, SNMPv1/v2/v3, DHCPv6, RTP, MID, ICMP, ARP, IEEE 802.TX, DIffserv, SFTP, MQTT, LLDP  IPv4 : TCP Pv , UDP Pv , HTTP, HTTPS, SSL/TLS, RTSP, RTP, RTP, RTP, RTP, RTP, RTP, RTP, RT						
Supported Protocol    Pv6 : TCP/ P. UDP/ P. HTTP, HTTPS, SSI/TLS, SMTP, DNS, NTP, SMMPOI/v2/v3, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, Diffserv, SFTP, MQTT, LLDP   Bv4 : TCP/ P. UDP/ P. HTTP, HTTPS, SSI/TLS, RTSP, RTP, RTP/RTCP, SMTP, DHCP, DNS, DDNS, NTP, SNMPv1/v2/v3, UpnP, ICMP, ICMP, ARP, IEEE 802.1X, DIFFServ, SSTP, STP, MQTT, NTCP   DHCP, DNS, DDNS, NTP, SNMPv1/v2/v3, UpnP, ICMP, ICMP, ARP, IEEE 802.1X, DIFFServ, SSTP, STP, MQTT, NTCP   No. of Simultaneous Users		Audio transmission mode				
DHCP\u00e4s. TP, MLD, ICMP, ARP, IEEE 802. N, Diffserv, STP, MQTT, LLDP IPV4 : TCP IP, UDP IP, HTTP, STPT, SSL TLS, RTSP, RTP, RTP RTCP, SMTP, DHCP, DNS, DNS, NTP, SNMP\u00e4\u20e4\u20e4, UPP-P, ICMP, ICMP, ICMP, ARP, IEEE 802. N, Diffserv, STP, STP, MQTT, NTCIP  No. of Simultaneous Users IPS 140-2 level 3 (NXP\u00e7 EdgeLock\u00e8 SE050F), Device Certificate GlobalSign\u00e7 pre-installed, User authentication, Host authentication, HTTPS, 802. NS upport  SDXC/SDHC/SD H.265 / H.264 recording: Memory Card 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 JPEG recording: Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card: microSDXC memory card: 4 G. B, 18 G. B, 26 G. B, 512 G.B microSDMC memory card: 2 G.B Mobile Terminal Compatibility in prospection of the microSD memory card: 2 G.B Mobile Terminal Compatibility in prospection of the microSD memory card: 2 G.B Mobile Terminal Compatibility in prospection of the microSD memory card: 2 G.B Mobile Terminal Compatibility in prospection of the microSD memory card: 2 G.B Mobile Terminal Compatibility in prospection of the microSD memory card: 2 G.B Mobile Terminal Compatibility in prospection of the microSD memory card: 2 G.B Mobile Terminal Compatibility in prospection of the microSD memory card: 2 G.B Mobile Terminal Compatibility in prospection of the microSD memory card: 2 G.B Mobile Terminal Compatibility of microSD memory recording, E-mail notification alarm Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification output Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification output For microSD memory card: 4 G.B to 38 d.B (0 dB=1 V/Pa, 1 kHz)) input impedance: 3 prospection of the section of the prospection of the prospection of the section of th						
PP4 : TCP/JPL.UPP/JP. HTTP, HTTPS, SSL/TLS, RTSP, RTP. RTP/RTCP, SMTP, DHCP, DNS, DDNS, NTP, SNMPV/JV2/S, UPAP, ICMP, ICMP, ICMP, ARP, IEEE 802.1X, DiffServ, SRTP, SFTP, MQTT, NTCIP   Secure		Supported Frotoco.				
DHCP, DNS, DDNS, NTP, SNMPv/lp2/y2, UPP, IGMP, IGMP, ARP, IEEE 802.1X, DiffSery, SRTP, SFTP, MQTT, NTCIP  No. of Simultaneous Users  FiPS 140-2 level 3 (NXTP* EdgeLock** SEOSOF), Device Certificate GlobalSign** Pre-installed, User authentication, Host authentication, HTTPs, 802.1X Support  SDXC/SDHC/SD  H.265 / H.264 recording:  Memory Card  Manual REC / Alarm EC (Pre/Post) / Schedule REC / Backup upon network failure JPEG recording:  Manual REC / Alarm EC (Pre/Post) / Backup upon network failure JPEG recording:  Manual REC / Alarm EC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card:  microSDXC memory card: 4: 68, 86, 86, 16, 68, 32 GB microSDXC memory card: 4: 68, 86, 86, 16, 68, 32 GB microSDX memory card: 4: 68, 86, 86, 16, 68, 32 GB microSDX memory card: 3: 48, 86, 86, 16, 68, 32 GB microSDX memory card: 4: 68, 86, 16, 68, 32 GB microSD memory card: 3: 48, 86, 16, 68, 32 GB microSDM memory card: 4: 68, 86, 16, 68, 32 GB microSDM memory card: 3: 48, 86, 86, 16, 68, 32 GB microSD memory card: 4: 68, 86, 16, 68, 32 GB microSDM memory card: 3: 48, 86, 16, 68, 32 GB microSDM memory card: 3: 48, 86, 16, 68, 32 GB microSDM microSDM memory recording, 5: 48, 41, 41, 41, 41, 41, 41, 41, 41, 41, 41			IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, RTSP, RTP, RTP/RTCP, SMTP,			
IEEE 802.1X, DiffServ, SRTP, SFTP, MQTT, MTCIP   No. of Simultaneous Users   Up to 14 users (Depends on network conditions)   Secure						
No. of Simultaneous Users    Secure   FiPS 140-2 level 3 (NXP® EdgeLock® Sc505F).						
Secure    FIPS 140-2 level 3 (NXP® EdgeLock® SE050F).     Device Certificate GlobalSign® pre-installed, User authentication, Host authentication, HTTPS, 802. XS upport   SDXC/SDHC/SD		No. of Cimultaneous Users				
Device Certificate GlobalSign® pre-installed, User authentication, Host authentication, Host authentication, HTPS, 802: IX Support  Memory Card H, 265 J H, 264 recording:  Manual REC J Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure JPEC recording:  Manual REC J Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card:  microSDXC memory card: 4 G GB, 28 GB, 25 GB, 512 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSD memory card: 2 GB  Mobile Terminal Compatibility   Ipad, ilPhone (IoS 8.0 or later), Android™ terminals  ONVIF® Profile G / M / S / T  Alarm Actions 3 terminals input, VMD alarm, Command alarm, Audio detection alarm Atlarm Actions SCXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output  Input/ Output  Audio input 3.5 mm stereo mini jack  For microphone input: Roomended applicable microphone: Plug-in power type (Sensitivity of microphone: -51 dB to -38 dB (0 dB=1V/Pa, 1 kHz)) input impedance: Approx. 2 kD (unbalanced) Supply voltage: 2.5 v 5.5 v 5.5 v  For line input: Input level: Approx10 dBV  Audio Output '7						
Host authentication, HTTPS, 802.1X Support  SDXC/SDHC/SD Memory Card Manual REC / J Harm 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 microSDXC memory card: 64 GB, 128 GB, 256 GB, 512 GB microSDXC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDMC memory card: 2 GB  Mobile Terminal Compatibility IPad, iPhone (iOS 8.0 or later), Android™ terminals ONVIF® Profile  Alarm Source 3 terminals input, VMD alarm, Command alarm, Audio detection alarm SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification Indication on browser, TCP alarm notification output  3.5 mm stereo mini jack For microphone input: Recommended applicable microphone: Plug-in power type (Sensitivity of microphone: -51 dB to -38 dB (0 dB=1V/Pa, 1 kHz)) Input impedance: Approx. 2 kQ (urbalanced) Supply voltage: 2.5 v ±0.5 v For line input: Input level: Approx10 dBV  Audio Output T*7  a3.5 mm stereo mini jack (monaural output) Output impedance: Approx. 600 Q (unbalanced) Output level: -20 dBV  External I/O Terminals ALARM IN 1 (Alarm input 2) AlARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x2), ALARM IN 3 (Alarm input 3) AUX OUT) (x1) AC24 V, PoE++) Femperature  AC24 V, P		Secure	Device Certificate GlobalSign® pre-installed, User authentication,			
SDXC/SDHC/SD Memory Card    Manual REC   Alarm REC (Pre Post)   Schedule REC   Backup upon network failure						
Manual REC   Alarm REC (Pre Post)   Schedule REC   Backup upon network failure   PEC 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   microSDNC memory card: 64 GB, 128 GB, 256 GB, 512 GB   microSDNC memory card: 2 GB   Mobile Terminal Compatibility   iPad, iPhone (iOS 8.0 or later), Android™ terminals   ONVIF® Profile   G   M   S   T						
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 : 4 GB, 8 GB, 16 GB, 32 GB   microSD memory card : 4 GB, 8 GB, 16 GB, 32 GB   microSD memory card : 4 GB, 8 GB, 16 GB, 32 GB   microSD memory card : 4 GB, 8 GB, 16 GB, 32 GB   microSD memory card : 4 GB, 8 GB, 16 GB, 32 GB   microSD memory card : 2 GB   Mobile Terminal Compatibility   iPad, iPhone (iOS 8.0 or later), Android™ terminals   iPad,			Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure			
Manual REC / Narm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : microSDXC memory card : 46 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   Tabat, iPhone (iOS 8.0 or later), Android™ terminals  NoVIF® Profile G / M / S / T  Alarm Alarm Actions 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  Output  For microphone input: Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : -51 dB to -38 dB (0 dB=1 V/Pa, 1 kHz)) Input impedance : Approx. 2 kQ (unbalanced) Supply voltage : 2.5 V ±0.5 V For line input: Input level : Approx10 dBV  Audio Output *7  a.5.5 mm stereo mini jack (monaural output) Output level : -20 dBV  External I/O Terminals ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (xl) ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (xl) ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (xl)  EMC  FCC (Part1S ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035  Power Source and AC24 V, PoE++ (IEEE802.3bt), PoE+ (IEEE802.3at) Poe++ DC 54 V 470 mA, Approx. 50.84 W(Class6 device) PoE+ DC 54 V 470 mA, Approx. 50.84 W(Class6 device) PoE+ DC 54 V 470 mA, Approx. 50.84 W(Class6 device) PoE+ DC 54 V 470 mA, Approx. 55.4 W (Class6 device) PoE+ DC 54 V 470 mA, Approx. 50.84 W (Class6 device) PoE+ DC 54 V 470 mA, Approx. 50.84 W (Class6 device) PoE+ DC 54 V 470 mA, Approx. 50.84 W (Class6 device) PoE+ DC 54 V 470 mA, Approx. 50.84 W (Class6 device) PoE+ DC 56 V 60° (*-22° *F to +140° *F) Maximum temperature according to NEMA TS2(2.2.7): 74 °C(165 °F) Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Termish element + Heater + FAM + ROSAHL Water and Dust Resistance IK10 (IEC 62262) Other st		Memory Card				
Compatible SDXC/SDHC/SD Memory Card : microSDXC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDNC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDNC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDNC memory card : 2 GB  Mobile Terminal Compatibility iPad, iPhone (iOS 8.0 or later), Android™ terminals  ONVIF® Profile G / M / S / T  Alarm Actions JSDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm Audio detection alarm SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output  Input/Output  Audio input Ø3.5 mm stereo mini jack  For microphone input: Recommended applicable microphone : Plug-in power type (sensitivity of microphone : -51 dB to -38 dB (0 dB=1 V/Pa, 1 kHz)) Input impedance : Approx. 2 kQ (unbalanced) Supply voltage : 2.5 V ± 0.5 V  For line input: Input level : Approx10 dBV  Audio Output * Ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV  External I/O Terminals 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)  EMC  FCC (Part15 ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035 Power Source and AC24 V, 3.4 A A phyrox. 50.3 btl, PoE+ (IEEEBO2.3at) Power Consumption AC24 V, 9.6++ (IEEEBO2.3btl), PoE+ (IEEEBO2.3at) Power Consumption AC24 V, 3.4 A PAprox. 53.5 w (Class4 device)  Ambient Operating — 50° Ct to +60° C(-22° Ft to +140° Ft) Maximum temperature according to NEMA TS2(2.2.7): 74° C(165° Ft) Maximum temperature according to NEMA TS2(2.2.7): 74° C(165° Ft)  Ambient Operating Humidity In to 100% (no condensation) Anti-Condensation System Minimum tiene cast Silver, i-PRO white Other standard support NEMA TS2(2.2.7-2.2.9) Dimensions @229 mm x 278 mm (H) (@9-1/32 inches x 10-15/16 inches (H))  Mass (approx.) Approx. 4.3 kg (9.48 lbs.) Finish Main body : Aluminum die cast Silver,			JPEG recording :			
microSDXC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDHC memory card : 4 GB, 8 GB, 16 GB, 32 GB microSDME memory card : 4 GB, 8 GB, 16 GB, 32 GB microSD memory card : 4 GB, 8 GB, 16 GB, 32 GB microSD memory card : 2 GB  Mobile Terminal Compatibility iPad, iPhone (iOS 8.0 or later), Android™ terminals ONVIF® Profile G / M / S / T  Alarm Source 3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification output  Input/ Output  Audio input Ø3.5 mm stereo mini jack For microphone input: Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : -51 dB to -38 dB (0 dB=1 V/Pa, 1 kHz)) Input impedance : Approx. 2 kΩ (unbalanced) Supply voltage : 2.5 V ±0.5 V  For line input: Input level : Approx. −10 dBV  Audio Output **7  Ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Ω (unbalanced) Output level : -20 dBV  External I/O Terminals  ALARM IN 1 (Alarm input 7) Black & white input/ Auto time adjustment input) (x1) ALARM IN 2 (Alarminput 7) Black & white input/ Auto time adjustment input) (x1) ALARM IN 1 (Alarminput 7) ALARM OUT) (x1), ALARM IN 3 (Alarm input 3) AUX OUT) (x1)  General  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 Power Source and AC24 V, PoE++ (IEEE802.3bt), PoE+ (IEEE802.3bt), PoE+ DC 54 V 470 mA, Approx. 50.8 W (Class6 device) PoE+D C 54 V 470 mA, Approx. 50.8 W (Class6 device) PoE+D C 54 V 470 mA, Approx. 50.8 W (Class6 device) PoE+D C 54 V 470 mA, Approx. 50.8 W (Class6 device) PoE+D C 54 V 70 mA, Approx. 50.8 M (Class6 device) PoE+D C 54 V 70 mA, Approx. 50.8 M (Class6 device) PoE+D C 54 V 70 mA, Approx. 50.8 M (Class6 device) PoE+D C 54 V 70 mA, Approx. 50.8 M (Class6 device) PoE+D C 54 V 70 mA, Approx. 50.8 M (Class6 device) PoE+D C 54 V 70 mA, Approx. 50.8 M (Class6 device) PoE+D C 54 V 70 mA, Approx. 50.7 M (Class6 device) PoE+D C 54 V 70 mA, Approx. 50.7 M (Class			Manual REC / Alarm REC (Pre/Post) / Backup upon network failure			
microSDHC memory card : 4 GB, 8 GB, 16 GB, 32 GB microSD memory card : 2 GB Mobile Terminal Compatibility   Mad, iPhone (IOS 8.0 or later), Android™ terminals ONVIF® Profile G   M   S   T Alarm Alarm Source 3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output    Audio input   GS_5.5 mm stereo mini jack			Compatible SDXC/SDHC/SD Memory Card :			
microSD memory card : 2 GB Mobile Terminal Compatibility   iPad, iPhone (iOS 8.0 or later), Android™ terminals ONVIF® Profile G   M   S   T Alarm Alarm Source 3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Actions   SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output    Input			microSDXC memory card : 64 GB, 128 GB, 256 GB, 512 GB			
Mobile Terminal Compatibility   iPad, iPhone (iOS 8.0 or later), Android™ terminals			microSDHC memory card : 4 GB, 8 GB, 16 GB, 32 GB			
ONVIF® Profile   G   M   S   T						
Alarm Source Alarm Source Alarm Source Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification, HTP alarm notification indication on browser, TCP alarm notification, HTP alarm notification indication on browser, TCP alarm notification output  ### Audio input ### For microphone input: Recommended applicable microphone: Plug-in power type ### (Sensitivity of microphone: -51 dB to -38 dB (0 dB=1V/Pa, 1 kHz))   Input impedance: Approx. 2 kQ (unbalanced)   Supply voltage: 2.5 V ± 0.5 V		Mobile Terminal Compatibility	iPad, iPhone (iOS 8.0 or later), Android™ terminals			
Alarm Actions  SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output  a3.5 mm stereo mini jack For microphone input: Recommended applicable microphone: Plug-in power type (Sensitivity of microphone: -51 dB to -38 dB (0 dB=1 V/Pa, 1 kHz)) Input impedance: Approx. 2 kQ (unbalanced) Supply voltage: 2.5 V ±0.5 V  For line input: Input level: Approx10 dBV  Audio Output '7  a3.5 mm stereo mini jack (monaural output) Output impedance: Approx. 600 Q (unbalanced) Output level: -20 dBV  External I/O Terminals  ALARM N1 (Alarm input 1/) Black & white input/ Auto time adjustment input) (xl) ALARM N2 (Alarm input 2/ ALARM OUT) (xl), ALARM N3 (Alarm input 3/ AUX OUT) (xl) EMC  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 Power Source and Power Source and AC24 V, Po5++ (IEEEB02.3bt), Po6+ (IEEEB02.3bt), Po6+ (IEEEB02.3bt) AC24 V, 3.4 A Approx. 53.3 W Po6++ DC 54 V 470 mA, Approx. 50.84 W(Class6 device) Po6+ DC 54 V 470 mA, Approx. 52.4 W(Class6 device) Po6+ DC 54 V 470 mA, Approx. 52.4 W(Class6 device) Po6+ DC 54 V 470 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 470 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 470 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 device) Po6+ DC 54 V 570 mA, Approx. 25.4 W(Class6 d		ONVIF® Profile	G/M/S/T			
Input	Alarm	Alarm Source	3 terminals input, VMD alarm, Command alarm, Audio detection alarm			
Audio input   Sa.5 mm stereo mini jack		Alarm Actions	SDXC/SDHC/SD memory recording, E-mail notification,			
Audio input   Sa.5 mm stereo mini jack			HTTP alarm notification Indication on browser, TCP alarm notification output			
For microphone input:   Recommended applicable microphone : Plug-in power type   (Sensitivity of microphone : -51 dB to -38 dB (0 dB=1 V/Pa, 1 kHz))   Input impedance : Approx. 2 kQ (unbalanced)   Supply voltage : 2.5 V ±0.5 V	Input/	Audio input	ø3.5 mm stereo mini jack			
(Sensitivity of microphone : -51 dB to -38 dB (0 dB=1 V/Pa, 1 kHz)) Input impedance : Approx. 2 kD (unbalanced) Supply voltage : 2.5 y ±0.5 V  For line input: Input level : Approx10 dBV  Audio Output **7  a3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV  External I/O Terminals  ALARM IN 1 (Alarm input 1) Black & white input/, Auto time adjustment input) (xl) ALARM IN 2 (Alarm input 2) ALARM OUT) (xl), ALARM IN 3 (Alarm input 3) AUX OUT) (xl)  General  Safety  UL (UL62368-1), C-UL (CSA C22.2 No.62368-1), CE, IEC62368-1  EMC  FCC (Part15 ClassA), ICE5-003 Issue 7 (JassA, EN55032 ClassA, EN55035  Power Source and AC24 V, PoE++ (IEEE802.3bt), PoE+ (IEEE802.3bt), PoE+ DC 54 V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 4V 940 mA, Approx. 50.84 W(Class6 device) PoE+D C5 4V 940 mA, Approx. 50.84 W(Class6 device) PoE+D C5 4V 940 mA, Approx. 50.84 W(Class6 device) PoE+D C5 4V 940 mA, Approx. 50.84 W(Class6 device) PoE+D C5 4V 940 mA, Approx. 50.84 W(Class6 device) PoE+D C5 4V 940 mA, Approx. 50.84 W(Class6 device) PoE+D C5 4V 940 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE+D C5 6V V 470 mA, Approx. 50.84 W(Class6 device) PoE		For microphone input :	Recommended applicable microphone : Plug-in power type			
Input impedance : Approx. 2 kQ (unbalanced) Supply voltage : 2.5 V ± 0.5 V For line input: Imput level : Approx10 dBV  Audio Output *7  Ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx600 Q (unbalanced) Output level : 2-70 dBV  External I/O Terminals  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/ ALX OUT) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ ALX OUT) (x1) EMC  FCC (Part15 ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035  Power Source and AC24 V, 9.0++ (IEEE802.3btl), PoE+ (IEEE802.3at) Power Consumption AC24 V, 3.4 A Approx. 53.3 W POE++ DC 54 V 470 mA, Approx. 50.84 W(Class6 device) PoE+ DC 54 V 470 mA, Approx. 50.84 W(Class6 device) Ambient Operating Temperature (AC24V, PoE++) -30 °C to +60 °C (-22 °F to +140 °F) Maximum temperature according to NEMA TS2(2.2.7): 74 °C(165 °F) Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Water and Dust Resistance IKIO (IEC 62262) Other standard support Dimensions Ø229 mm x 278 mm (H) (@9-1/32 inches x 10-15/16 inches (H)) Mass (approx.) Approx. 4.3 kg (9.48 lbs.) Finish Main body : Aluminum die cast Silver, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)			(Sensitivity of microphone : -51 dB to -38 dB (0 dB=1 V/Pa, 1 kHz))			
Supply voltage: 2.5 V ±0.5 V For line input: Input level: Approx10 dBV  Audio Output '7  #3.5 mm stereo mini jack (monaural output) Output impedance: Approx. 600 Q (unbalanced) Output level: -20 dBV  External I/O Terminals  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) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1) ALARM IN 2 (Alarm input 3/ ALARM IN 3/						
For line input:   Input level : Approx10 dBV						
Audio Output *7  ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Ω (unbalanced) Output level : -20 dBV  External I/O Terminals  ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1). ALARM IN 3 (Alarm input 3) AUX OUT) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1). ALARM IN 3 (Alarm input 3) AUX OUT) (x1) EMC  General  Safety  UL (UL62268-1), c-UL (CSA C22.2 No. 62368-1). CE. IEC62568-1 EMC  FCC (Part15 ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035 Power Source and AC24 V, PoE++ (IEEE802.3bt), PoE+ (IEEE802.3at) Power Consumption  AC24 V, 3.4 A Approx. 53.3 W POE++ DC 54 V 470 mA, Approx. 50.84 W(Class6 device) PoE+ DC 54 V 470 mA, Approx. 50.84 W(Class6 device) Ambient Operating Temperature  (AC24V, PoE++) -30 °C to +60 °C (-22 °F to +140 °F) (AC24V, PoE++) -30 °C to +60 °C (-22 °F to +140 °F) Maximum temperature according to NEMA TS2(2.2.7): 74 °C(165 °F) Ambient Operating Humidity To to 100 % (no condensation) Anti-Condensation System  Water and Dust Resistance  IK10 (IEC 62262) Other standard support Dimensions  Ø229 mm x 278 mm (H) (@9-1/32 inches x 10-15/16 inches (H)) Mass (approx.)  Approx. 4.3 kg (9.48 lbs.) Finish Main body a Huminimu dic cast Silver, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)		For line input :				
Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV  External I/O Terminals  ALARM IN 12 (Alarm input 2) Black & white input/ Auto time adjustment input) (xl) ALARM IN 2 (Alarm input 2) ALARM OUT) (xl), ALARM IN 3 (Alarm input 3) AUX OUT) (xl) ALARM IN 2 (Alarm input 2) ALARM OUT) (xl), ALARM IN 3 (Alarm input 3) AUX OUT) (xl) ALARM IN 2 (Alarm input 2) ALARM OUT) (xl), ALARM IN 3 (Alarm input 3) AUX OUT) (xl) ALARM IN 2 (Alarm input 2) ALARM OUT) (xl), ALARM IN 3 (Alarm input 3) AUX OUT) (xl) ALARM IN 2 (Alarm input 2) ALARM OUT) (xl), ALARM IN 3 (Alarm input 3) AUX OUT) (xl) ALARM IN 2 (Alarm input 2) ALARM OUT) (xl), ALARM IN 3 (Alarm input 3) AUX OUT) (xl) ALARM IN 2 (ALARM IN 3), ICES-003 Issue 7 ClassA, EN55035-1.  EMC  FCC (PartIS ClassA), ICES-003 Issue 7 ClassA, EN55035-1.  AC24 V, 3.4 A Approx. 53.3 W POE++ DC 54 V 940 mA, Approx. 55.4 W(ClassA device)  ADE++ DC 54 V 940 mA, Approx. 55.4 W(ClassA device)  Anbient Operating  -50 °C to +60 °C (-58 °F to +140 °F) (AC24V, PoE++) -30 °C to +60 °C (-22 °F to +140 °F) (PoE+ device) (Power On range: -30 °C to +60 °C (-22 °F to +140 °F)  Ambient Operating Humidity  10 to 100 % (no condensation)  Anti-Condensation System  Amition Dust Resistance  Shock Resistance  IKIO (ICE 226c)  Other standard support  NEMA TS2(2.2-7:2.9.9)  Dimensions  Ø229 mm x 278 mm (H) (@9-1/32 inches x 10-15/16 inches (H))  Mass (approx.)  Approx. 4.3 kg (9.48 lbs.)  Finish  Main body: Aluminum die cast Silver, i-PRO white Outer fixing screws: Stainless steel (Corrosion-resistant treatment)						
Output level : -20 dBV						
External I/O Terminals  ALARM IN 1 (Alarm input 1) Black & white input/ Auto time adjustment input) (x1)  ALARM IN 2 (Alarm input 2) ALARM UDI) (x1), ALARM IN 3 (Alarm input 3) ALX OUT) (x1)  ALARM IN 2 (Alarm input 2) ALARM UDI) (x1), ALARM IN 3 (Alarm input 3) ALX OUT) (x1)  EMC  FCC (Part15 ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035  Power Source and  AC24 V, PoE++ (IEEE802.3bt), PoE+ (IEEE802.3at)  Power Consumption  AC24 V, 3 A 4 Approx. 53.3 W  POE++ DC 54 V 940 mA, Approx. 50.84 W(Class6 device)  PoE+ DC 54 V 970 mA, Approx. 50.84 W(Class6 device)  Ambient Operating  Temperature  (AC24V, PoE++)  -30 °C to +60 °C (-22 °F to +140 °F) (PoE+ device)  (Power On range : -30 °C to +60 °C (-22 °F to +140 °F))  Maximum temperature according to NEMA TS2(2.2.7): 74 °C(165 °F)  Ambient Operating Humidity  Anti-Condensation System  Termish element + Heater + FAM + ROSAHL  Water and Dust Resistance  IK10 (IEC 62262)  Other standard support  Dimensions  a229 mm x 278 mm (H) (a9-1/32 inches x 10-15/16 inches (H))  Mass (approx.)  Approx. 4.3 kg (9.48 lbs.)  Finish  Main body : Alarinum die cast Silver, i-PRO white  Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1)   Safety		External I/O Terminals				
Safety						
EMC FCC (Part1S ClassA), ICES-003 Issue 7 ClassA, EN55032 ClassA, EN55035  Power Source and AC24 V, PoE++ (IEEE802.3bt), PoE+ (IEEE802.3at)  Power Consumption AC24 V, 3.4 A Approx. 53.3 W  PoE++ DC 54 V 940 mA, Approx. 50.84 W(Class6 device)  PoE+ DC 54 V 470 mA, Approx. 50.84 W(Class6 device)  Ambient Operating -50° Ct o+60° C (-58° F to +140° F)  (AC24V, PoE++)  -30° Ct o+60° C (-68° F to +140° F)  (Power On range :-30° Ct o+60° C (-22° F to +140° F))  Maximum temperature according to NEMA TS2(2.2.7): 74° C(165° F)  Ambient Operating Humidity  10 to 100 % (no condensation)  Anti-Condensation System Temish element + Heater + FAM + ROSAHL  Water and Dust Resistance  Shock Resistance  IKIO (IEC 62262)  Other standard support NeMA TS2(2.2.7-2.2.9)  Dimensions ac29 mm x 278 mm (H) (a9-1/32 inches x 10-15/16 inches (H))  Mass (approx.) Approx. 4.3 kg (9.48 lbs.)  Finish Main body : Aluminum die cast Silver, i-PRO white  Outer fixing screws : Stainless steel (Corrosion-resistant treatment)	Ceneral	Safety				
Power Source and Power Consumption AC24 V, PoE++ (IEEE802.3bt), PoE+ (IEEE802.3at) AC24 V, 3.4 A Approx. 53.3 W PoE++ DC 54 V 940 mA, Approx. 50.84 W(Class6 device) PoE+ DC 54 V 940 mA, Approx. 25.4 W(Class6 device) PoE+ DC 54 V 470 mA, Approx. 25.4 W(Class6 device) Ambient Operating -50 °C to +60 °C (-58 °F to +140 °F) (AC24V, PoE++) -30 °C to +60 °C (-22 °F to +140 °F) (PoE+ device) (Power On range : -30 °C to +60 °C {-22 °F to +140 °F}) Maximum temperature according to NEMA TS2(2.2.7): 74 °C(165 °F) Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Termish element + Heater + FAN + ROSAHL Water and Dust Resistance IR10 (IEC 62262) Other standard support NEMA TS2(2.2.7-2.2.9) Dimensions  ### Outer India Mass (approx.)  ### Approx. 4.3 kg [9.48 lbs.] Finish Main body : Aluminum die cast Silver, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)	Ceneral					
Power Consumption  AC24 V, 3.4 A Approx. 53.3 W PoE++ DC 54 V 940 mA, Approx. 50.84 W(Class6 device) PoE+ DC 54 V 940 mA, Approx. 25.4 W(Class6 device) Ambient Operating Temperature  -50 °C to +60 °C (-58 °F to +140 °F) -30 °C to +60 °C (-22 °F to +140 °F) (PoE+ device) (Power On range: -30 °C to +60 °C (-22 °F to +140 °F) Maximum temperature according to NEMA TS2(2.2.7): 74 °C(165 °F)  Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Temish element + Heater + FAN + ROSAHL Water and Dust Resistance IKIO (IEC 62262) Other standard support  Mass (approx.)  Dimensions  ### ### ### ### ### #### #### ### ###						
PoE++ DC 54 V 940 mA, Approx. 50.84 W(Class6 device) PoE+ DC 54 V 470 mA, Approx. 25,4 W(Class6 device) Ambient Operating Temperature  (AC24V, PoE++) -30 °C to +60 °C (-58 °F to +140 °F) (PoE+ device) (Power On range : -30 °C to +60 °C {-22 °F to +140 °F}) Maximum temperature according to NEMA TS2(2.2.7) : 74 °C(165 °F)  Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Tempish element + Heater + FAM + ROSAHL Water and Dust Resistance IKIO (IEC 62262) Other standard support NEMA TS2(2.2.7-2.2.9) Dimensions  0229 mm x 278 mm (H) {@9-1/32 inches x 10-15/16 inches (H)} Mass (approx.) Approx. 4.3 kg (9.48 lbs.) Finish Main box rews : Stainless steel (Corrosion-resistant treatment)						
PoE+ DC 54 V 470 mA, Approx. 25.4 W(Class4 device)  Ambient Operating Temperature  -50 °C to +60 °C (-58 °F to +140 °F)  (AC24V, PoE+) -30 °C to +60 °C (-22 °F to +140 °F) (PoE+ device) (Power On range : -30 °C to +60 °C (-22 °F to +140 °F))  Maximum temperature according to NEMA TS2(2.2.7) : 74 °C(165 °F)  Ambient Operating Humidity 10 to 100 % (no condensation)  Anti-Condensation System Temish element + Heater + FAN + ROSAHL  Water and Dust Resistance IK10 (IEC 62262) Other standard support NEMA TS2(2.2.7-2.2.9) Dimensions  ### 152 (2.2.7-2.2.9)  Dimensions  ### 229 mm x 278 mm (H) ### (99-1/32 inches x 10-15/16 inches (H))  Mass (approx.)  Approx. 4.3 kg [3.48 lbs.]  Finish  Main body : Aluminum die cast Silver, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)		Tower consumption	' ' '			
Ambient Operating   -50 °C to +60 °C (-58 °F to +140 °F)						
Temperature  (AC24V, PoE++) -30 °C to +60°C {-22 °F to +140 °F} {PoE+ device} (Power On range : -30 °C to +60 °C {-22 °F to +140 °F}) Maximum temperature according to NEMA TS2(2.2.7) : 74 °C(165 °F)  Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Temish element + Heater + FAN + ROSAHL  Water and Dust Resistance IK10 (IEC 62262) Other standard support IKMA TS2(2.2.7-2.2.9) Dimensions  ### ### ### ### ### #### ### ### ###		Ambient Operating				
-30 °C to +60 °C (-22 °F to +140 °F) (PoE+ device)  (Power On range : -30 °C to +60 °C (-22 °F to +140 °F))  Maximum temperature according to NEMA TS2(2.2.7) : 74 °C(165 °F)  Ambient Operating Humidity 10 to 100 % (no condensation)  Anti-Condensation System Temish element + Heater + FAN + ROSAHL  Water and Dust Resistance IP66, IP67, IE60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant  Shock Resistance IK10 (IEC 62262)  Other standard support NEMA TS2(2.2.7-2.2.9)  Dimensions ø229 mm x 278 mm (H) {ø9-1/32 inches x 10-15/16 inches (H)}  Mass (approx.) Approx. 4.3 kg [9.48 lbs.]  Finish Main body : Aluminum die cast Silver, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)		' -				
(Power On range : -30 °C to +60 °C {-22 °F to +140 °F})  Maximum temperature according to NEMA TS2 (2.2.7) : 74 °C (165 °F)  Ambient Operating Humidity 10 to 100 % (no condensation)  Anti-Condensation System Temish element + Heater + FAN + ROSAHL  Water and Dust Resistance 1P66, 1P67, EC60529 measuring standard compatible, Type 4X (UL50E), NEMA 4X compliant  Shock Resistance 1K10 (Ec6262)  Other standard support NEMA TS2 (2.2.7-2.2.9)  Dimensions 9229 mm x 278 mm (H) {99-1/32 inches x 10-15/16 inches (H)}  Mass (approx.) Approx. 4.3 kg [9.48 lbs.]  Finish Main body : Aluminum die cast Silver, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)		remperature				
Maximum temperature according to NEMA TS2(2.2.7): 74 °C(165 °F)  Ambient Operating Humidity 10 to 100 % (no condensation)  Anti-Condensation System Temish element + Heater + FAN + ROSAHL  Water and Dust Resistance 1P66, IP67, EC60529 measuring standard compatible, Type 4X(UL50F), NEMA 4X compliant  Shock Resistance IIK10 (IEC 62262)  Other standard support NEMA TS2(2.2.7-2.2.9)  Dimensions ø229 mm x 278 mm (H) {ø9-1/32 inches x 10-15/16 inches (H)}  Mass (approx.) Approx. 4.3 kg (9.48 lbs.)  Finish Main body : Aluminum die cast Silver, i-PRO white  Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Ambient Operating Humidity  Anti-Condensation System  Temish element + Heater + FAN + ROSAHL  Water and Dust Resistance  IP66, IP67, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant  Shock Resistance  IK10 (IEC 6226E)  Other standard support  NEMA TS2(2.2.7-2.2.9)  Dimensions  a229 mm x 278 mm (H) {@9-1/32 inches x 10-15/16 inches (H)}  Mass (approx.)  Approx. 4.3 kg [9.48 lbs.]  Finish  Main body: Aluminum die cast Silver, i-PRO white  Outer fixing screws: Stainless steel (Corrosion-resistant treatment)						
Anti-Condensation System Temish element + Heater + FAN + ROSAHL  Water and Dust Resistance IP66, IP67, EC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant  Shock Resistance IK10 (IEC 62262)  Other standard support NEMA TS2(2.2.7-2.2.9)  Dimensions Ø229 mm x 278 mm (H) { @9-1/32 inches x 10-15/16 inches (H) }  Mass (approx.) Approx. 4.3 kg { 9.48 lbs.}  Finish Main body : Aluminum die cast Silver, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)		A				
Water and Dust Resistance IP66, IP67, EC60529 measuring standard compatible, Type 4X (UL50E), NEMA 4X compliant Shock Resistance IIK10 (IEC 62262) Other standard support NeMA T52(2.2.7-2.2.9) Dimensions ø229 mm x 278 mm (H) {ø9-1/32 inches x 10-15/16 inches (H)} Mass (approx.) Approx. 4.3 kg [9.48 lbs.] Finish Main body : Aluminum die cast Silver, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Shock Resistance IK10 (IEC 62262) Other standard support NEMA T52(2.2.7-2.2.9) Dimensions ø229 mm x 278 mm (H) {ø9-1/32 inches x 10-15/16 inches (H)} Mass (approx.) Approx. 4.3 kg [9.48 lbs.] Finish Main body : Aluminum die cast Silver, I-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Other standard support  NEMA TS2(2.2.7-2.2.9)  Dimensions  Ø229 mm x 278 mm (H) [ø9-1/32 inches x 10-15/16 inches (H)]  Mass (approx.)  Approx. 4.3 kg [9.48 lbs.]  Finish  Main body: Aluminum die cast Silver, i-PRO white  Outer fixing screws: Stainless steel (Corrosion-resistant treatment)						
Dimensions  ø229 mm x 278 mm (H) {ø9-1/32 inches x 10-15/16 inches (H)}  Mass (approx.)  Approx. 4.3 kg [9.48 lbs.]  Finish  Main body : Aluminum die cast Silver, i-PRO white  Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Mass (approx.) Approx. 4.3 kg {9.48 lbs.} Finish Main body: Aluminum die cast Silver, i-PRO white Outer fixing screws: Stainless steel (Corrosion-resistant treatment)			,			
Finish Main body: Aluminum die cast Silver, i-PRO white Outer fixing screws: Stainless steel (Corrosion-resistant treatment)						
Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
		Finish				
Dome section : Polycarbonate resin, Clear (G: Smoke)						
			Dome section: Polycarbonate resin, Clear (G: Smoke)			

<sup>\*1</sup> Converted value

## **Appearance**

Unit: mm (inches)



 <sup>1</sup> Converted value
 2 When 60 fps or 50 fps is selected, the Super Dynamic function is automatically set to off.
 3 For information on the operation verification of the supported web browsers, refer to our support website <Control No.: C0132>.
 4 Used by super resolution techniques
 5 Transmission for 4 streams can be individually set.

 <sup>76</sup> When recording audio on an microSD memory card, only use AAC-LC (Advanced Audio Coding - Low Complexity).
 77 The audio output can be switched to the monitor output. Refer to the Operating Instructions on the provided CD-ROM for descriptions of how to switch the output.

## Al Analytics applications

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

#### Al 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)

#### **Al 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.

3rd party applications are also available.

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

#### **AI Vehicle Detection**

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

#### Al Non mask Detection

#### **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.

## **Optional Accessories**

#### ■ Mount Bracket / Other

		WALL	POLE	CORNER	HANGING	CEILING	OTHER
		1	1	1	1	1	1
combination		Wall Mount Bracket WV-QWL501-W WV-QWL501S-W (White)	Pole Mount Bracket PAPM4W (White)	Corner Mount Bracket <b>PACA4W</b> (White)	Ceiling Mount Bracket WV-QCL501-W WV-QCL501S-W (White)	Ceiling surface mount bracket WV-QCL500-W (White)	3rd Party Pipe (Male or Female type)
	combination	Mount Bracket WV-QSR504-W WV-QSR504S-W (White)	Wall Mount Bracket WV-QWL501-W WV-QWL501S-W (White)	Wall Mount Bracket WV-QWL501-W WV-QWL501S-W (White)	Mount Bracket WV-QSR504-W WV-QSR504S-W (White)		Mount Bracket WV-QSR504F1-W (White, ANSI Female thread) WV-QSR504M1-W (White, ANSI Male thread)
			Mount Bracket WV-QSR504-W WV-QSR504S-W (White)	Mount Bracket WV-QSR504-W WV-QSR504S-W (White)			

\*WV-QSR504S-W, WV-QWL501S-W and WV-QCL500S-W are heavy-duty salt damage-resistant coating accessories.

#### ■ Dome Cover



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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.

