

# WV-S25700-V2L WV-S25700-V2LG

# New S-series wide lineup high resolution network camera with AI engine 4K Vandal Resistant Outdoor Dome Network Camera

Equipped with an AI processor, it can run up to three AI analytics applications (AI apps) simultaneously, which significantly improve the detection rate of people and vehicles and can be used in a wide range of surveillance scenes. It realizes high-quality and clearer images even in low-light and wide-range shooting scenes.

## 3 AI Apps operation at same time

- Up to 3 AI apps can be operated at the same time from the wide variety.

Using AI processor which identifies object as people or vehicle, it will reduce false alarm compared to conventional model. As result, it can be used many industries.

## High image quality / High compression

- Our original smart coding technology compatible with H.264 and H.265 delivers high-resolution video at high image quality and low bit rate. Achieved useful images by combining with highly visible images by the intelligent auto (iA) function.

## Easy setting and installation

- Easy Kitting Package enabling installers to configure cameras easily while keeping the unit in the box.\*

The grommet on the outdoor model can reduce the time and effort required for installation.

User-friendly GUI (setting while watching Live view, etc.) allows you to set comfortably.

iCT tool allows you to set multiple cameras, apps, and recorders all at once, reducing the camera setting time.

\*The kitting process should be done within 1hour. The inside of the camera gets hot and may cause a malfunction.

## **High security**

- Equipped with FIPS 140-2 level 3 certified hardware in addition to the digital certificate issued by a third party organization (GlobalSign®).

## Key i-PRO Spec.

## • 4K

- Intelligent Auto (with Al Engine)
- Super Dynamic 132dB
- Color night vision (0.04 to 0.06 lx) (-V2LG : 0.12 to 0.17 lx)
- Smart Coding (with AI Engine)
- Built-in IR LED
- 50J, IK10 Vandal Resistant
- ONVIF<sup>®</sup> Profile G / M / S / T \*ONVIF is a trademark of ONVIF, Inc.
- FIPS 140-2 level3 certified

## Industry examples

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



### Specifications

spec	inca	tions			
Camera	Image Sensor		Approx. 1/1.8 type CMOS image sensor		
	Minimum Illumination		Color : 0.04 ix (-V2LG : 0.12 ix) (30IRE, F1.3, 1/30s) *1		
			Color : 0.06 lx (-V2LG : 0.17 lx) (50IRE, F1.3, 1/30s)		
			BW : 0.03 lx (-V2LG : 0.09 lx) (50IRE, F1.3, 1/30s)		
			BW : 0 lx (50IRE, F1.5,1/30s with IR LED)		
	White Balance		ATW1 / ATW2 / AWC		
	Shutter Speed		[30 fps/15 fps mode] 1/30 Fix to 1/10000 Fix		
			[25 fps/12.5 fps mode] 1/25 Fix to 1/10000 Fix		
	Intelligent Auto		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 /		BLC (Back light compensation) / HLC (High light compensation) / Off		
	High light compensation		(only when Super dynamic / Intelligent Auto : Off)		
	Fog compensation		On / Off (only when Intelligent auto / auto contrast adjust : Off)		
	Maximum gain (AGC)		The level can be set in the range of 0 to 11.		
	Color/BW (ICR)		Off / On (IR Light Off) / On (IR Light On) / Auto1 (IR Light Off) /		
	,,		Auto2 (IR Light On) / Auto3 (SCC)		
	IR LED Light		High / Middle / Low / Off,		
			Maximum irradiation distance :		
			70 m {Approx. 230 ft}(G: 45 m {Approx.148 ft})(30IRE) *1 50 m {Approx. 164 ft}(G: 35 m {Approx.115 ft})(50IRE)		
	Digital N	Noise Reduction	The level can be set in the range of 0 to 255.		
		otion Detection (VMD)	On / Off, 4 areas available		
	Scene Change Detection (SCD)		On / Off, 1 areas available		
	Audio Detection		On / Off		
		d Classification	Gunshot, Yell, Vehicle horn, Glass break		
	Al Analytics		Yes		
	Privacy Zone		On / Off, Up to 8 zones available		
	VIQS		On / Off, Up to 8 zones available		
	Image rotation <sup>*2</sup>		0°/90°/180°/270°		
	Camera Title (OSD) Focus Adjustment		On / Off, Up to 40 characters (alphanumeric characters, marks) Auto focus		
Lens	Optical		2.0x (Motorized zoom / Motorized Focus)		
20115	Extra zo		2.0x -6.0x (when resolution is 1280 x 720)		
	Focal length		4.3 - 8.6 mm {5/32 inches - 11/32 inches}		
		Field of View	[16 : 9 mode] *[4:3 mode] is not supported.		
	Angular Field of View		Horizontal : 52° (TELE) – 101° (WIDE), Vertical : 29° (TELE) – 55° (WIDE)		
	Maximu	m Aperture Ratio	1:1.5 (WIDE) - 1:2.4 (TELE)		
	Maximum Aperture Ratio Focus range		1.0 m {39-3/8 inches} - ∞		
DORI		(25ppm / 8ppf)	Wide: 63.3 m / 207.7 ft, Tele: 157.5 m / 516.6 ft		
2010		e (62.5ppm / 19ppf)	Wide: 25.3 m / 83.1 ft, Tele: 63.0 m / 206.6 ft		
		ze (125ppm / 38ppf)	Wide: 12.7 m / 41.5 ft, Tele: 31.5 m / 103.3 ft		
		(250ppm / 76ppf)	Wide: 6.3m / 20.8 ft, Tele: 15.7 m / 51.7 ft		
System o	em on Chip (SoC)		Ambarella CV22		
	Adjusting Angle		Horizontal : -194 to +166°, Vertical : -30 to +85°, Yaw : ±100°		
Browser			Brightness, AUX On / Off		
GUI	Audio	control	Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High		
	GUI / Setup Menu Language		Audio Output : On / Off Volume adjustment : Low / Middle / High		
			English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese		
	Browser <sup>*3</sup>		Microsoft Edge, Firefox, Google Chrome		
Network			10Base-T / 100Base-TX, RJ45 connector		
wetwork	k Network IF Resolution		[16 : 9 mode (30 fps mode)][16 : 9 mode (25 fps mode)]		
	H.265/H.264/JPEG (MJPEG)		3840x2160 /2560x1440 /1920x1080 /1280x720 /640x360 /320x180 Constant bit rate / VBR / Frame rate / Best effort		
		Transmission Mode			
		Transmission Type	Unicast port (AUTO) / Unicast port (MANUAL) / Multicast		
	JPEG	Image Quality	10 steps		

\*1 Converted value

\*2 When the 320x180 resolution is used, the "90°" and "270°" settings are not available.

\*3 For information on the operation verification of the supported web browsers, refer to our support website <Control No.: C0132>. \*4 Transmission for 4 streams can be individually set.

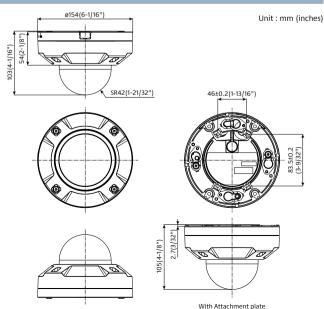
Advanced (Fixed COP 60x v) [ksey-frame) / Frame rate control (Variable COP 4x-16s with frame rate control) 'Advanced and Frame rate control are only available with H.265. Smart VQS: On [High] (On (Low) [Off, Smart P-picture control: On (Off C.726 (ADPCM): 16 kbps / 22 kbps C.711 :: 64 kbps / 28 kbps Ad-CLC** :: 64 kbps / 96 kbps / 128 kbps Ad-CLC** :: 64 kbps / 96 kbps / 128 kbps Ad-CLC** :: 64 kbps / 196 kbps / 128 kbps Ad-CLC** :: 64 kbps / 196 kbps / 128 kbps Ad-CLC** :: 64 kbps / 196 kbps / 128 kbps Ad-CLC** :: 50 kbps / 128 kbps / 128 kbps Ad-CLC** :: 50 kbps / 128 kbps / 128 kbps Ad-C	Network	GOP (Group of pictures) control:				
Image: Advanced and Frame rate control (Variable COP 4s-16s with frame rate control).			Off/ Low (Variable GOP 1s-8s) / Mid (Variable GOP 4s-16s) /			
*Advanced and Frame rate control are only available with H.265.           Audio Compression         C.726 (ADPCM) : 16 kbps / 32 kbps           Audio transmission mode         Gr.711 : 64 kbps / 32 kbps           Audio transmission mode         Off /Mc (Line) ipput / Audio output / Interactive (Full duplet)           Supported Protocol         IPV6 : TCP/IP, UDP/IP, HTTP, HTTPS, SSJ, TLS, SMTP, NDF, SNMPVI/v2/v3, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, Diffserv, STP, MQT, LUDP           No. of Simultaneous Users         Up to 14 users (Depends on network conditions)           Secure         FIPS 140-2 level3           SDXC/SDMC/SD         H.255 / H.264 recording : Mount REC / Amr REC (Pre/Post) / Backupu upon network failure           Memory Card         Maual REC / Amr REC (Pre/Post) / Backup upon network failure           ONVPF <sup>®</sup> Profile         G / M / S / T           ONVPF <sup>®</sup> Profile         G / M / S / T           ONVPF <sup>®</sup> Profile         G / M / S / T           Alarm Actions         SDXC/SDMC/SDM emony recording, E-mail notification, HTTP alarm potification nucleus for an entropy recording, E-mail notification, HTTP alarm potification and remark Audio detection alarm           Alarm Actions         SDXC/SDMC/SDM Proprover recording, E-mail notification, HTTP alarm potification indication nucleus for alarm fo			Advanced (Fixed GOP 60s w/1s key-frame) /			
Imart VQS: On(High)(On(Low))Off, Smart P-picture control: On/Off           Audio Compression         G.726 (ADPCM): 16 Kbps / 32 Kbps           Audio transmission mod         G/ (III) (III) (III) (III) (III) (III) (III) (III) (IIII) (IIIII) (IIIIII) (IIIIII) (IIIII) (IIIIII) (IIIIII) (IIIIII) (IIIIII) (IIIIII) (IIIIII) (IIIIII) (IIIIII) (IIIIIII) (IIIIIIII						
Audio Compression         C.726 (ADPCM) : 16 kbps / 32 kbps           C.711         : 64 kbps / 36 kbps / 128 kbps           Audio transmission mode         Off / Mic (Line) input / Audio output / Interactive (Hail duplex) / Interactive (Hail duplex) / Interactive (Hail duplex)           Supported Protocol         IPv6: TCP/IP. UDP/IP, NTTP, STS, TLS, SMTP, DNS, NTP, SMMPV1/2/3, UPN, ICMP, NOTT, LLDP           IPv4: TCP/IP, UDP/IP, NTTP, SSLTLS, STSP, TP, MQTT, LLDP         INV. SNS, NTP, SMMPV1/2/3, UPN, ICMP, ICMP, IEE B02.1X, DIfServ, STP, MQTT, LLDP           No. of Simultaneous User         IPIS 140-2 level3         SDXC/SDHC/SD           SDXC/SDHC/SD         H.265 / H.264 recording :         Mauat RC / Alarm REC (Pre/Post) / Shedule REC / Backup upon network failure           Memory Card         Mauat RC / Alarm REC (Pre/Post) / Backup upon network failure         Compatible SDXC/SDHC/SD Memory Card :           Mobile Terminal Compatibility         Pad, Phone(IOS 8.0 or later), Android™ terminals         ONUF® Profile           ONUF® Profile         G / M / S / T         Alarm Source         3 terminals input, WD alarm, Command alarm, Audio detection alarm           Alarm Actions         SDXC/SDHC/SD memory card : 2 G 8         G. B. G 8.32 CB         MicroSDHC memory card : 2 G 8           Mohitor Output         VB1 / S / T         Alarm Source         3 terminals input, WD alarm, Command alarm, Audio detection alarm           Adido input®         SDXC/SDHC/SD memory card						
Audio Compression         C.726 (ADPCM) : 16 kbps / 32 kbps           C.711         : 64 kbps / 36 kbps / 128 kbps           Audio transmission mode         Off / Mic (Line) input / Audio output / Interactive (Hail duplex) / Interactive (Hail duplex) / Interactive (Hail duplex)           Supported Protocol         IPv6: TCP/IP. UDP/IP, NTTP, STS, TLS, SMTP, DNS, NTP, SMMPV1/2/3, UPN, ICMP, NOTT, LLDP           IPv4: TCP/IP, UDP/IP, NTTP, SSLTLS, STSP, TP, MQTT, LLDP         INV. SNS, NTP, SMMPV1/2/3, UPN, ICMP, ICMP, IEE B02.1X, DIfServ, STP, MQTT, LLDP           No. of Simultaneous User         IPIS 140-2 level3         SDXC/SDHC/SD           SDXC/SDHC/SD         H.265 / H.264 recording :         Mauat RC / Alarm REC (Pre/Post) / Shedule REC / Backup upon network failure           Memory Card         Mauat RC / Alarm REC (Pre/Post) / Backup upon network failure         Compatible SDXC/SDHC/SD Memory Card :           Mobile Terminal Compatibility         Pad, Phone(IOS 8.0 or later), Android™ terminals         ONUF® Profile           ONUF® Profile         G / M / S / T         Alarm Source         3 terminals input, WD alarm, Command alarm, Audio detection alarm           Alarm Actions         SDXC/SDHC/SD memory card : 2 G 8         G. B. G 8.32 CB         MicroSDHC memory card : 2 G 8           Mohitor Output         VB1 / S / T         Alarm Source         3 terminals input, WD alarm, Command alarm, Audio detection alarm           Adido input®         SDXC/SDHC/SD memory card			Smart VIQS: On(High)/On(Low)/Off, Smart P-picture control: On/Off			
Adio transmission mode         C.711         : 64 kbps / 96 kbps / 128 kbps           Audio transmission mode         Off / Mic (line) input / Audio output / Interactive (Half duples) / Interactive (Full duples)           Supported Protocol         UP6 : TCP/IP. UDP/IP. HTTP, HTTPS, SSI/TLS, SMTP, DNS, NTP, SMNP(V1/2/3, UPP, ICMP, ICMP, ARP, IEEE 802.1X, DIffsex, SFTP, MQTT, LDP           IP4 : TCP/IP. UDP/IP. HTTP, HTTPS, SSI/TLS, RTSP, RTP, RTP/RTCP, SSTP, AUQT, LDP         IN. of Simultaneous User           Up to 14 users (Depends on network conditions)         Secure           SDX/SDHC/SD         H265 / H.264 recording :           Memory Card         H251 40-21 level3           SDXC/SDHC/SD         H265 / H.264 recording :           Manual REC / Alarm REC (Pre/Post) / Backup upon network failure         Compatible SDXC/SDHC/SDMEmory Card :           VEG recording :         Manual REC / Alarm REC (Pre/Post) / Backup upon network failure           ONVIF <sup>®</sup> Profile         C / M / S / T           Alarm         Alarm Actions         SDXC/SDHC/SD memory card : 4 GB, 8 GB, 16 GB, 32 GB           Molibe Terminal Compatibility         IPad, iPanon(GS 8.0 or later), Android™ terminals           ONVIF <sup>®</sup> Profile         C / M / S / T           Alarm         Alarm Actions         SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification not browser, TCP alarm notification, HTTP alarm notification not browser, TCP alarm notification, HTTP alarm notification not b		Audio Compression				
AAC-LC*3         : 64 kbps / 96 kbps / 128 kbps           Audio transmission mode         Off / Mic (Line input / Audio output / Interactive (Hail dupled) / Interactive (Hail dupled)           Supported Protocol         UPV6: TCP/ID, UDP/IP, HTTP, STTS, STT, TS, SMTP, DNS, NTP, SMMPV1/22/43, DHCPA6, RTP, MLD, CMP, ARP, IEEE 802.1X, DHTServ, STFP, MQTT, LLDP           No. of Simultaneous User         Up to 14 users (Depends on network conditions)           Secure         FIPS 140-2 level3           SDXC/SDHC/SD         H.265 / H.264 recording : Manual REC / Alarm REC (Pre/Post) / Backupu upon network failure Compatible SDXC/SDHC/SD Memory Card : microSDX memory card : 4 GB, 8 GB, 16 GB, 32 GB microSDH Cemory card : 4 GB, 8 GB, 16 GB, 32 GB microSDH Cemory card : 4 GB, 8 GB, 16 GB, 32 GB microSDH Cemory recording, E-mail notification alarm Alarm Audio detection alarm           Alarm Source         3 terminals input, YMD alarm, Command alarm, Audio detection alarm Alarm and instruction indication on browser, TCP alarm motification output           Mohile Terminal Compatibility (for adjustment)         An ITS or PAL signal can be outputted from camera audio input*6           Audio Input*6         a.3 mm stereo mini jack           Moluto Output         VBS : 10 V [P-1] / 75 0, composite, Pin jack           Output         YBS : 10 V [P-1] / 75 0, composite, Pin jack           Molin Crobust         YBS : 10 V [P-1] / 75 0, composite, Pin jack           Output         YBS : 10 V [P-1] / 75 0, composite, Pin jack           Output         YBS		·				
Audio transmission mode         Off / Mic (Line) input / Audio output / Interactive (Half dupled) / Interactive (Half dupled)           Supported Protocol         IPAG: TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, SMTP, DDS, NTP, SMMPV1/22/33, UPAP, ICMPP, ICMP, ICMP, ICMP, ICMP, IEEB 02.1X, DIFServ, STP, MQTT, LLDP           IPAG: TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, SMTP, DNS, NTP, SMMPV1/22/33, UPAP, ICMP, ICMP, ICMP, IEEB 02.1X, DIFServ, STP, MQTT, LLDP           No. of Simultaneous Users         Up to 14 users (Depends on network conditions)           Secure         FIPS 140-2 level3           SDXC/SDHC/SD         H.265 / H.264 recording :           Memory Card         H.265 / H.264 recording :           Memory Card         H.265 / H.264 recording :           Memory Card         H.265 / J.26 CM arm REC (Pre/Post) / Sackup upon network failure           JPEC recording :         Manual REC / Alarm REC (Pre/Post) / Sackup upon network failure           OWIP <sup>®</sup> Profile         G / M / S / T           Alarm         Alarm Source         3 terminals input, VMD alarm, Audio detection alarm           Alarm Actions         SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output           Monitor Output         VBS : To V [p-p] / 75 Q, composite, Pin jack           Monitor Output         VB : Spipolicible microphone : Plug-in power type (Sensitivity of microphone : Plug-in power type (Sensitivity of microphone : Plug-in poweretype (Sensiti						
Supported Protocol         IPv6 : TCP/IP, UDP/IP, HTTP, HTTP5, SX1/TLS, SMTP, DNS, NTP, SNMPv1/v2/v3, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802, XD, DIfServ, STPR, MQTT, LLDP IPv4 : TCP/IP, UDP/IP, HTTP, HTTS, SS1/TLS, RTS, RTP, RTP, RTP, RTP, RTP, ICMP, ARP, IEEE 802, IXD, DIfServ, STPR, STP, MQTT, LLDP           No. of Simultaneous Users         Up to 14 users (Depends on network conditions)           Secure         FIPS 140-2 level3           SDXC/SDHC/SD         H.265 / H.264 recording : Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure DPG recording : Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : microSDK memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDH Cemory card : 2 GB           Mobile Terminal Compatibility         IPA.0 i Phone(IOS 8.0 or later), Android <sup>TM</sup> terminals           ONVF® Profile         G / M / 5 / T           Alarm Actions         SDXC/SDHC/SD Memory card : 2 GB           Mobile Terminal Compatibility         IPA.0 i Phone(IOS 8.0 or later), Android <sup>TM</sup> terminals           ONVF® Profile         G / M / 5 / T           Alarm Actions         SDXC/SDHC/SD Memory ccording : microSD memory card : 2 GB           Monitor Output         VB5 : 1.0 V [P-p] / 75 Q, composite, Fin jack           (for adjustment)         ANSC Or PAL signal can be outputted from camera           Audio input <sup>2</sup> 6         35 ms stereo mini jack           For microphone input:         Recommended applicable microphone : Flug-in power type (Sensitivity of microp		Audio transmission mode				
DHCro6, RTP, MLD, ICMP, ARP, IÉEE 802.1X, DiffServ, SFTP, MQTT, LLDP           IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, SL_TLS, RTSP, RTP, RTP (RTP, RTP)           Secure         FIP5 140-21 evel3           Socure         FIP5 140-21 evel3           SOXC/SDHC/SD         H.265 / H.264 recording : Memory Card           Memory Card         H265 / H.264 recording : Manual REC / Alarm REC (Pre/Post) / Backup upon network failure IPEG recording : Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : GB           Mobile Terminal Compatibility         IPA (IPR) IPA (IPR)           Mobile Terminal Compatibility         IPA (IPR) IPA (IPR)           Mobile Terminal Compatibility         IPA (IPR)           Monitor Output         VBS : IO V [P-I) (TS 0, composite Pin Jack           Atarm Actions         SDXC/SDHC/SD memory recording, E-mail notification output           Monitor Output         VBS : IO V [P-I) (TS 0, composite Pin Jack           Addio input'6         As 5 mm stereo mini Jack           For microphone input :         Recommended applicable microphone						
IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, SX,ITX, RTSP, RTP, RTP/RCP, SMTP, DHCP, DNS, DDNS, NTP, SNMPv1/v2/v3, UPNP, IGMP, ICMP, ARP, IEEE 802.1X, Diffserv, SRTP, STP, MQTT, LLDP           No. of Simultaneous Users         Up to 14 users (Depends on network conditions)           Secure         FIPS 140-2 level3           SDXC/SDHC/SDD         H.265 / H.264 recording : Memory Card           Memory Card         Hama REC (Pre/Post) / Schedule REC / Backup upon network failure DPEG recording : Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : microSDHC memory card : 4 GB, 8 GB, 16 GB, 32 C GB microSDHC memory card : 2 CB           Mobile Terminal Compatibility         IPA (iPhone(IOS 8.0 or later), Android <sup>TM</sup> terminals           ONVIF <sup>®</sup> Profile         G / M / S J T           Alarm Actions         SDXC/SDHC/SD memory recording, E-mail notification alarm. Alarm Actions           Monitor Output         VB S: 1.0 V (p-p1 / 75 Q, composite, Pin jack           Monitor Output         VB S: 1.0 V (p-p1 / 75 Q, composite, Pin jack           Audio input <sup>*6</sup> a3.5 mm stereo mini jack           For microphone input : For line input : Input impedance : Approx 10 dBV           Audio Output <sup>*6</sup> a3.5 mm stereo mini jack (unonaural output) Output impedance : Approx 600 Q (unbalanced) Output inpedance : Approx 600 Q (unbalanced) Output ievel : - 20 dBV           External I/O Terminals <sup>*6</sup> ALARM N1 (Alarm input ?] Back & white input / Auto time adjustment input (st) ALARM N2 (Alarm input ?] Ba		Supported Hotocol				
SMTP, DHCP, DNS, DDNS, NTP, SNMPV1/v2/v3, UPnP, IGMP, ICMP, ARP, IEEE 802.N, Diffser0, SRTP, STP, MQTT, LLDP           No. of Simultaneous User         Up to 14 users (Depends on network conditions)           Secure         FIPS 140-2 level3           SDXC(SDHC/SD         H.265 / H.264 recording : Mamal REC (Marm REC (Pre/Post) / Shedule REC / Backup upon network failure UPEG recording : Marual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : microSDXC memory card : 2 GB           Mobile Terminal Compatibility         iPad, iPhone(iOS 8.0 or later), Android*M terminals           ONVIF* Profile         G / M / S / T           Alarm Actions         SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication no browser, TCP alarm notification output           Input/ Output         Monitor Output         VBS 1.0.V [p-p] / 75 Q, composite, Pin jack           Audio input*6         43.5 ms streero mini jack         Molitor output           VBS : 1.0.V [p-p] / 75 Q, composite, Pin jack         VIPA, INTSC or PAL signal can be outputted from camera           Audio input*6         43.5 ms streero mini jack         VIPA, INPA, I						
ICMP, ARP, IEEE 802.1X, DiffServ, SRTP, SFTP, MQTT, LLDP           No. of Simultaneous Users         Up to 14 users (Depends on network conditions)           Secure         FIP5140-2 level3           SDXC/SDHC/SD         H.265 / H.264 recording : Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure /PGC recording : Manual REC / Alarm REC (Pre/Post) / Backup upon network failure /Compatible SDXC/SDHC/SD Memory Card : 4 GR, 82 GR, 82 56 GR, 512 GB microSDH memory card : 4 GR, 82 GR, 82 56 GR, 512 GB microSDH memory card : 4 GR, 82 GR, 816 GR, 32 GB microSDH memory card : 4 GR, 82 GR, 816 GR, 32 GB microSDH memory card : 4 GR, 82 GR, 816 GR, 32 GB microSDH memory card : 4 GR, 82 GR, 816 GR, 32 GB           Mobile Terminal Compatibility         G/ M / S / T           Alarm Source         3 terminals input, VMD alarm, Command alarm, Audio detection alarm /Alarm Actions           Monitor Output         VSS : 1.0 V [p-p] / 75 Q, composite, Pin jack           Monitor Output         Nonitor Output           Monitor Output         VSS : 1.0 V [p-p] / 75 Q, composite, Pin jack           Audio input <sup>+6</sup> a3.5 mm stereo mini jack           For microphone input:         Recommended applicable microphone : Plug-in power type (Sensitivity of microphone: -30 H04           Audio Output <sup>+6</sup> a3.5 mm stereo mini jack           Audio Output <sup>+6</sup> a3.5 mm stereo mini jack           For microphone input:         Recommended applicable microphone : Plug-in power type (Sensitivity of microphone: -30 H04						
No. of Simultaneous Users         Up to 14 users (Depends on network conditions)           Secure         FIPS 140-2 level3           Support         H255 / H.265 / H.265 / H.264 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 : 64 GB, 28 GB, 256 GB, 512 GB microSDMC memory card : 2 GB           Mobile Terminal Compatibility         iPad, IPhone(IOS 8.0 or later), AndroidTM terminals           ONVIF® Profile         G / M / S / T           Alarm Source         3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Actions           Monitor Output         VBS 1.0 V [p-p] / 75 Q, composite, Pin jack           Monitor Output         MS 1.1 V [p-p] / 75 Q, composite, Pin jack           Audio input <sup>+6</sup> 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 : Approx10 dBV           Audio Output <sup>+6</sup> a3.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV           Audio Output <sup>+6</sup> a3.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV           Audio Output <sup>+6</sup> a3.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV           Audio Output <sup>+6</sup> a3.5 mm stereo mini jack (monaural output) Output impedance:						
Secure         FIPS 140-2 level3           SDXC/SDHC/SD         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 : microSDHC 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 : 2 GB           Mobile Terminal Compatibility         IPad, IPhone(IOS 8.0 or later), Android™ terminals ONVIF® Profile         G / M / 5 / T           Alarm         Alarm Source         3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Actions         SDXC/SDHC/SD memory recording, E-mail notification output           Input/ (for adjustment)         An NTSC or PAL signal can be outputted from camera         Audio input*6         63.5 mm stereo mini jack           For microphone input:         Recommended applicable microphone : -F1 dB to -38 dB (0 dB=1 V/Pa, 1 kHz)) Input impedance : Approx10 dBV         Audio Output 100         General           Safety         UL (UL62368-1), -CUL (CSA C22, No.62368-1), CE, IEC62368-1         EMC         FCC (PartIS ClassA), ICE5-003 ClassA, EN55032 ClassA, EN55035           Power Source and Power Consumption         AUARM IN 2 (Alarm input 2) HAUX OUT) (AI, ALARM IN 2 (Alarm input 2) AUX OUT) (AI, Audio Output*6         C forC (PartIS		No. of Circulture and Linear				
SDXC/SDHC/SD Memory Card         H.265 / H.264 recording : Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure /PG recording : Manual REC / Alarm REC (Pre/Post) / Backup upon network failure /Compatible SDXC/SDHC/SD Memory Card : 4 GB, R26 GB, S12 GB microSDH Cmemory card : 4 GB, R26 GB, S12 GB microSDH Cmemory card : 4 GB, R26 GB, S12 GB microSDH Cmemory card : 4 GB, R26 GB, S12 GB           Mobile Terminal Compatibility if Pad, iPhone (IOS 8.0 or later). Android <sup>TM</sup> terminals           ONVIF® Profile         G / M / S / T           Alarm         Alarm Source         3 terminals input, VMD alarm, Command alarm, Audio detection alarm           Alarm Source         3 terminals input, VMD alarm, Command alarm, Audio detection alarm           Motior Output         Monitor Output         VBS: 1.0 V (p-p) / 75 Q, composite, Pin jack           Motior Output         MNTSC or PAL signal can be outputted from camera           Audio input <sup>+6</sup> a3.5 mm stereo mini jack           For microphone input:         Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : AD 10 to 34 B (0 del 1 V/Pa, 1 kHz)) Input impedance : Approx. 2 kQ (unbalanced) Output input level : Approx10 dBV           Audio Output <sup>+6</sup> 03.5 mm stereo mini jack (Monoaural output) Output tevel : -20 dBV           External I/O Terminals <sup>+6</sup> ALARM M2 (Alarm input 1) Black & white input) Auto time adjustment input) (xt) ALARM M2 (Alarm input 2) ALARM M2 (Mam input 3) AUX OUT) (xt) (MELEB802.31 cologiant) Device: DC48 V240 mA, Approx. 11.5 W (Class 0 device) Ambient Operating Humidity						
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, 28 GB, 256 GB, 512 GB microSDMC memory card : 2 GB           Mobile Terminal Compatibility         IPed, 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           Monitor Output         WS: 1.0 V [p-p] / 75 Q, composite, Pin jack           Audio input"6         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 : Approx10 dBV           Audio Output"6         a3.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV           Audio Output"6         83.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV           Audio Output"6         A3.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV           Audio Output"6         A3.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV           Audio Output"6         A3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 10 dBV           Audio Output"6 <th></th> <th></th> <th></th>						
IPEG recording : Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC(SDHC/SD Memory Card : microSDXC memory card : 4 GB, 8 GB, 256 GB, 512 GB microSDHC memory card : 4 GB, 8 GB, 16 GB, 32 GB           Mobile Terminal Compatibility         iPad, iPhone(iOS 8.0 or later), Android <sup>TM</sup> terminals           ONVIF <sup>®</sup> Profile         G / M / S / T           Alarm         Alarm Source         3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Source           Monitor Output         0NVIF <sup>®</sup> Profile         G / M / S / T           Alarm Actions         SDXC/SDHC/SD memory recording, E-mail notification output           Monitor Output         Asrm Source         3 terminals input, VMD alarm, Command alarm, Audio detection alarm           Alarm Actions         SDXC/SDHC/SD memory recording, E-mail notification output         Monitor Output           (for adjustment)         An NTSC or PAL signal can be outputted from camera         Audio input <sup>*6</sup> a3.5 mm stereo mini jack           For microphone input:         Recommended applicable microphone : -F1 dB to -38 dB (0 dB=1 V/Pa, 1 kHz)) Input impedance : Approx10 dBV         Audio Output <sup>*6</sup> a3.5 mm stereo mini jack (monaural output)           Audio Output <sup>*6</sup> a3.5 mm stereo mini jack (monaural output)         Output leve! : -20 dBV         Audio DUT VIPA, 1 kHz)           External I/O Terminals <sup>*6</sup> ALARM M1 (Alarm input 1) Black & white input/ Auto time adjustment input) (kl) ALARM M2 (Alarm input 2) A			1 5			
Annual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : 4 GR, 128 GR, 256 GR, 512 GB microSDH memory card : 4 GR, 128 GR, 256 GR, 512 GB microSDH memory card : 4 GR, 8 GR, 16 GR, 32 GB           Mobile Terminal Compatibility         incrosDS memory card : 4 GR, 8 GR, 16 GR, 32 GB           Mobile Terminal Compatibility         incrosDS memory card : 4 GR, 8 GR, 16 GR, 32 GB           Mobile Terminal Compatibility         incrosD memory card : 4 GR, 8 GR, 16 GR, 32 GB           Novir® Profile         G / M / S / T           Alarm Source         3 terminals input, VMD alarm, Command alarm, Audio detection alarm           Alarm Source         3 terminals input, VMD alarm, Command alarm, Audio detection alarm           Monitor Output         VBS : 1.0 V [p-p] / 75 Q, composite, Pin jack           (for adjustment)         ANTSC or PAL Signal can be outputted from camera           Audio input*6         a3.5 mm stereo mini jack           For microphone input:         Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : -10 dBV           Audio Output*6         a3.5 mm stereo mini jack (monaural output)           Output tevel : Approx10 dBV         Audio Output*6           Audio Output*6         a3.5 mm stereo mini jack (monaural output)           Output tevel : -20 dBV         Output tevel : -20 dBV           External I/O Terminals*6         ALRM IN 1 (Alarm input 1 / Black & white input/, Auto Mina 3 (		Memory Card				
Solution of the second state of the second						
Image: Second						
Image: Second						
Image: microSD memory Card : 2 GB           Mobile Terminal Compatibility         iPad, iPhone(IOS 8.0 or later), Android <sup>TM</sup> 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, ICP alarm notification output           Input/ Output         Monitor Output         VBS : 1.0 V [p-p] / 75 Q, composite, Pin jack           Audio input*6         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 mine input:         Input level : Approx10 dBV           Audio Output*6         A3.5 mm stereo mini jack (monaural output) Output level : -20 dBV           External I/O Terminals*6         ALARM IN (laminput 2) ALARM ON (J) (A).ALARM NB 3 (laminput 3) AUX OUT) (A)           Emeretal         Safety         UL (UL62368-1), c-UL (CSA C22 2 No.62368-1), CE, IEC62368-1           EMC         FCC (PartTS ClassA), ICES-003 ClassA, ENS5032 ClassA, ENS5035           Power Consumption         PoE (IEE802.31 compliant) Device : DC44 V AA MA, Approx. 11.5 W (Class 0 device)           Ambient Operating         -40 *C to +60 * C (-40 *F to 140 *						
Mobile Terminal Compatibility         iPad, iPhone(iOS 8.0 or later), Android™ terminals ONUF® 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 no browser, TCP alarm notification output           Input/         Monitor Output         VBS : 1.0 V [p-p] / 75 Q, composite, Pin jack           Output         VBS : 1.0 V [p-p] / 75 Q, composite, Pin jack           Audio input*6         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 impedance : Approx10 dBV           Audio Output*6         a3.5 mm stereo mini jack (monaural output) Output ievel : -20 dBV           External I/O Terminals*6         ALARM IN 1 (Alarm input 2/ ALARM OUT) (xl), ALARM IN 3 (Alarm input 3/ AUXOUT) (xl) ALARM IN 2 (Alarm input 2/ ALARM OUT) (xl), ALARM IN 3 (Alarm input 3/ AUXOUT) (xl) ALARM IN 2 (Alarm input 2/ ALARM OUT) (xl), ALARM IN 3 (Alarm input 3/ AUXOUT) (xl) ALARM IN 2 (UIE2360-31, CLCE-003 ClassA, EN55035           Power Consumption         PC (FCC (PartIS ClassA), ICCE > 00 2 (LCS 22 N.e. 2368-1)           EMC         FCC (PartIS ClassA), ICCE > 00 2 (LCS 20 ClassA, EN55035           Power Consumption         P6 (EEG0523 compliant) Device: DC48						
ONVIF® Profile         G / M / S / T           Alarm         Alarm Source         3 terminals input, VMD alarm, Command alarm, Audio detection alarm           Alarm Actions         SDXC/SDHC/SD (SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output           Unput/         Monitor Output         VBS: 1.0 V (p-p) / 75 Q, composite, Pin jack           Monitor Output         Monitor Output         VBS: 1.0 V (p-p) / 75 Q, composite, Pin jack           Audio input'6         a3.5 mm stereo mini jack         For microphone input:         Recommended applicable microphone :-10 db to -38 dB (0 dB=1 V/Pa, 1 kHz)) Input impedance : Approx. 2 kQ (unbalanced)           Very Por line input:         Input tevel : Approx10 dBV         a3.5 mm stereo mini jack (monaural output) Output tevel :-20 dBV           Audio Output*6         a3.5 mm stereo mini jack (monaural output) Output tevel :-20 dBV         adamstere input 3/ AUX OUT) (xl           External I/O Terminals*6         ALARM IN 1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (xl) ALARM IN 2 (Alarm input 2/ AUX OUT) (xl           General         Safety         UL (UE5263-1, C-UL (USA C22 No.62368-1), CE, IEC62368-1)           EMC         FCC (Part15 ClassA), ICE5-003 ClassA, EN55032 ClassA, EN55035           Power Consumption         PoE (EEE802.31 crouplinal) Device: DC48 V 240 mA, Approx. 15.W (Class 0 device)           Ambient Operating Humidity         D10 100 % (no						
Alarm         Alarm Source         3 terminals input, VMD alarm, Command alarm, Audio detection alarm           Alarm Actions         SDXC/SDHC/SD memory recording, E-mail notification, HTP alarm notification indication on browser, TCP alarm notification output           Input/ Output         Monitor Output         VBS : 1.0 V [p-p] / 75 Q, composite, Pin jack           Audio input*6         #3.5 mm stereo mini jack           Audio input*6         #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=1 V/Pa, 1 kHz]) Input impedance : Approx. 2 kQ lunbalanced) Supply voltage : 2.5 V ±0.5 V           Audio Output*6         #3.5 mm stereo mini jack           Audio Output*6         #3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 400 Q (unbalanced) Output level : -20 dBV           External I/O Terminals*6         ALARM IN 1 (Alarm input 7) HARM OUT) (xI), ALARM IN 3 (Alarm input 3/ AUX OUT) (xI)           General         Safety         UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 EMC           FCC (PartIS ClassA), ICES-003 ClassA, ENS5032 ClassA, ENS5032         Power Source and Power Consumption           Pot (EEE802.3d complant) Device : DC44 W AA, Approx. 11.5 W (Class 0 device)           Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F)?           Temperature         (Power On range : -30 °C to +60 °C (-2 °F to +140 °F))		1 /				
Alarm Actions         SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification no browser, TCP alarm notification output           Input/ Output         Monitor Output         VBS         VBS         VBS         VBS           Monitor Output         VBS         1.0 V [p-p] / 7 S.Q. composite, Pin jack           Multior Output         VBS         1.0 V [p-p] / 7 S.Q. composite, Pin jack           Audio input <sup>*6</sup> a3.5 mm stereo mini jack         Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : -51 dB to -38 dB (0 dB=1 V/Pa, 1 kH2)) Input impedance : Approx. 2 kQ (unbalanced)           Multion         Por line input:         Input level : Approx10 dBV           Audio Output <sup>*6</sup> a3.5 mm stereo mini jack (monaural output)           Audio Output <sup>*6</sup> a3.5 mm stereo mini jack (monaural output)           Audio Output <sup>*6</sup> a3.5 mm stereo mini jack (monaural output)           Audio Output <sup>*6</sup> a3.5 mm stereo mini jack (monaural output)           Output level : -20 dBV         Auam Input J AuX OUT) (xI)           External I/O Terminals <sup>*6</sup> ALARM IN 1 (Alarm input J ALARM OUT) (xI), ALARM IN 3 (Alarm input J AUX OUT) (xI)           Ceneral         Safety         UL (ULe2368-1), -CUL (CSA C22, No.62386-1)           EMC         FCC (PartIS ClassA), ICES +003 ClassA, EN55032 ClassA, EN55035           Power Source and         DC power s						
Input Input Output         HTTP alarm notification indication on browser, TCP alarm notification output           Very total         Very Signal can be outputted from camera           Audio input <sup>6</sup> a3.5 mm stereo mini jack           Audio input <sup>6</sup> a3.5 mm stereo mini jack           For microphone input:         Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : -21 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 <sup>*6</sup> a3.5 mm stereo mini jack (monaural output)           Output tevel : Approx10 dBV         Audio Output <sup>*6</sup> Audio Output <sup>*6</sup> a3.5 mm stereo mini jack (monaural output)           Output tevel : Approx10 dBV         Audio Output tevel : -20 dBV           Audio Output <sup>*6</sup> ALRM IN 1 (larm input 1) Black & white input 1, Auto time adjustment input) (x1) ALRM IN 2 (larm input 2) AUARM IN 3 (larm input 3) AUX OUT) (x1) ALRM IN 2 (larm input 2) AUX OUT) (x1) AUX OUT) (x1) (U10E3268-1), C-U1 (CSA C22 No.62368-1), CE, IEC62368-1) EMC           For wer Source and Power Consumption         PoE (EEE802.31 compliant) Device : DC48 V240 mA, Approx. 11.5 W (Class 0 device) Ambient Operating Humidity           Ambient Operating Humidity         10 to 100 % (no condensation)           Anti-Condensation System         Temish element + Heater + moisture absorption gel           Water	Alarm					
Input/ Output         Monitor Output (for adjustment)         VBS : 1.0 V [p-p] / 75 Q, composite, Pin jack An NTSC or PAL signal can be outputted from camera           Audio input*6         8.3 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=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*6         03.5 mm stereo min jack 0 utput impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV           External I/O Terminals*6         ALARM IN 1 (Alam input 7) Hack & white input 7) Auto time adjustment input) (x1) ALARM IN 2 (Alam input 7) ALARM IN 2 (Alam 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 ClassA, EN55032 Power Source and Power Consumption         Pot [IEEE802.31 compliant] Device : DC12 V 1.0 A, Approx. 11.5 W (Class 0 device) Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F)7 Temperature         (Power On range : -30 °C to +66 °C (-22 °F to +140 °F)) Ambient Operating Humidity         10 to 100 %, (no condensation) Anti-Condensation System         Temish element + Heater + moisture absorption gel         Nate: Cale20         INEA 4X compliant Shock Resistance         196, IEC60529 mesuning standard compatible, Type 4X(ULS0E), NEMA 4X compliant Shock Resistance         196, IEC60529 mesuning standard compatible, Type 4X(ULS0E), NEMA 4X compliant Shock Resistance         196, IEC60529 mesunin		Alarm Actions				
Output         An NTSC or PAL signal can be outputted from camera           Audio input <sup>®</sup> 63.5 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           Audio Output <sup>®</sup> 63.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV           Audio Output <sup>®</sup> 63.5 mm stereo mini jack (monaural output) Output ievel : -20 dBV           External I/O Terminals <sup>®</sup> ALARM IN 1 (Alarm input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Alarm input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Alarm input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Alarm input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Marni input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Marni input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Marni input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Marni input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Marni input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Marni input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Marni input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Marni input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Marni input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Marni input 2 / ALARM ON (k1), ALARM IN 3 (Alarm input 3 / AUXOUT) (x1) ALARM IN 2 (Marni input 2 / ALARM IN 2 (MARN A						
Audio input*6         #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=1 V/Pa, 1 kHz)) Input impedance : Approx. 2 kQ (unbalanced) Supply voltage : 2.5 V ±0.5 V           For line input:         Input itewa: Approx10 dBV           Audio Output*6         #3.5 mm stereo mini jack (monaural output) Output itewa: Approx10 dBV           Audio Output*6         #3.5 mm stereo mini jack (monaural output) Output itewa: Approx10 dBV           External I/O Terminals*6         ALARM IN 2 (Alarm input ?) ALARM OUT) (xI), ALARM NS (Alarm input 3) AUX OUT) (xI) (UL02368-1), c-UL (USA 222 No.62368-1), c-E, IEC62368-1)           EMC         FCC (Part15 ClassA), ICE5-003 ClassA, EN55032 ClassA, EN55035           Power Consumption         PoE (IEE800.23 n compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device) Ambient Operating           Ambient Operating Humidity         10 to 100 % (no condensation) Anti-Condensation System           Anti-Condensation System         Temish element + Heater + moisture absorption gel Water and Dust Resistance           Vibca Resistance         506 (IEC 600632-75 compliant), IK10 (IEC62262)           Dimensions         #154 mm x 105 mm (H) (#6-1/16 inches x 4-1/8 inches (H)}           Mass (approx.)         Approx.11 kg (2-31 bs.)           Finish         Main body : Aluminum die cast, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
For microphone input:         Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : -51 d8 to -38 d8 (0 d8+1 V/Pa, 1 kHz)) Input impedance : Approx. 2 k0 (unbalanced) Supply voltage : 2.5 V ±0.5 V           Audio Output'6         Ø3.5 mm stereo min jack (monaural output) Output impedance : Approx. 600 Ø (unbalanced) Output impedance : Output impedance : Approx. 10.0 W Power Consumption Poc [IEEE802.34 compliant] Device : DC48 V240 mA Approx. 11.5 W (Class 0 device) Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Temish element + Heater + moisture absorption gel Water and Dust Resistance 500 (IEC 60068-2-75 compliant), IK10 (IEC6262) Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H)) Mass (approx.) Approx. 11 kg (2.43 lbs.) Finish Main body : Aluminum die cast, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)	Output	, , ,				
General         (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 impedance : Approx10 dBV           Audio Output*6         #3.5 mm stereo mini jack (monaural output) Output impedance : Approx00 Q (unbalanced) Output impedance : Approx. 600 Q (unbalanced) Output impedance : Approx. 600 Q (unbalanced) Output impedance : Approx. 600 Q (unbalanced)           Safety         UL (UE3268-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1)           EMC         FCC (Partis ClassA), ICE5-003 ClassA, EN55032 ClassA, EN55035           Power Consumption         Pol (EIEB02.34 complant) Device : DC48 V 24 0 mA, Approx. 11.5 W (Class 0 device)           Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F)7           Temperature         (Power On range : -30 °C to +60 °C (-22 °F to +140 °F))           Ambient Operating Humidity (UE 6006529 measuring standard compatible, Type 4X(ULSO), NEMA 4X compliant Shock Resistance         1966, IEC60529 - 75 compliant), IK10 (IEC5262)           Dimensions         #154 mm x 105 mm (H) (g6-1/16 inches x 4-1/8 inches (H))         Mass (approx.)           Mass (approx.)         Approx. 11 kg (24 31 bs.)         Finish						
Input impedance : Approx. 2 kQ (unbalanced) Supply voltage : 2.5 V ±0.5 V           For line input : Nucleose : Approx10 BV           Audio Output "6           #3.5 mm stereo mini jack (monaural output) Output impedance : Approx600 Q (unbalanced) Output itee! : Approx10 OBV           External I/O Terminals"6           ALARM IN 2 (Alarm input ?) (ALARM OUT) (x1). ALARM N3 (Alarm input ?) AUX OUT) (x1) ALARM IX 2 (Alarm input ?) ALARM OUT) (x1). ALARM N3 (Alarm input ?) AUX OUT) (x1) ALARM IX 2 (Alarm input ?) ALARM OUT) (x1). ALARM N3 (Alarm input ?) AUX OUT) (x1) ALARM IX 2 (Alarm input ?) ALARM OUT) (x1). ALARM N3 (Alarm input ?) AUX OUT) (x1) ALARM IX 2 (Alarm input ?) ALARM OUT) (x1). ALARM N3 (Alarm input ?) AUX OUT) (x1) ALARM IX 2 (Alarm input ?) ALARM OUT) (x1). ALARM N3 (Alarm input ?) AUX OUT) (x1) Ceneral           Safety         UL (U62368-1), -CU (CSA C22 X No.62368-1), CE, IEC62368-1 EMC           FCC (PartIS ClassA), IEES-003 ClassA, EN55032 ClassA, EN55035           Power Source and         DC power supply"6 : DC12 V 1.0 A, Approx. 12.0 W           Power Consumption         Poil (EEE802.31 compliant) Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device)           Ambient Operating Humidity         -40 °C t o+60 °C (-40 °F to 140 °F)?           Temperature         (Power On range : -30 °C to 160 °C (-22 °F to +140 °F).)           Ambient Operating Humidity         Temish element + Heater + moisture absorption gel           Water and Dust Resistance         501 (IEC 60068-2-75 compliant). IK10 (IEC62262)           Dimensions         a154		For microphone input :				
Supply voltage : 2.5 V ±0.5 V           For line input:         Input level : Approx10 dBV           Audio Output"6         Ø3.5 mm stereo mini jack (monaural output)         Output impedance : Approx. 600 Q (unbalanced)           Output level : -20 dBV         External I/O Terminals"6         ALARM IN 1 (Alarm input 7) Black & white input7, Auto time adjustment input1 (Al ALARM IN 2 (Alarm input 2) ALARM OUT) (xl). ALARM IN 3 (Alarm input 3) AUX OUT) (xl)           Ceneral         Safety         UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1           EMC         FCC (Porver Supply 6): EO12 V 1.0 A, Approx. 11.5 W (Class 0 device)           Power Source and         DC (power Source): C40 °F to 140 °F)?           Temperature         (Power On range : -30 °C to +60 °C (-42 °F to 140 °F))           Ambient Operating         -40 °C to +60 °C (-40 °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         501 (IEC60208-2-75 compliant), IK10 (IEC62262)           Dimensions         ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))           Mass (approx.)         Approx.11 kg (2.43 Ibs.)           Finish         Main body : Aluminum die cast, i-FRO white           Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
For line input:         Input level : Approx10 dBV           Audio Output <sup>16</sup> 63.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV           External I/O Terminals <sup>16</sup> ALARM IN 1 (Alarm input 2] ALARM ON (x), ALARM N3 (Alarm input 3] AUX OUT) (x)           General         Safety         UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1           EMC         FCC (Part15 ClassA), ICE5-003 ClassA, EN55032 ClassA, EN55035           Power Source and         DC power supply <sup>6</sup> : DC12 V 1.0 A, Approx. 12.0 W           Power Consumption         PoE [IEE802.31 compliant] Device : DC48 V 24 mA, Approx. 11.5 W (Class 0 device)           Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F)7           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           Arti-Condensation System         Temish element + Heater + moisture absorption gel           Water and Dust Resistance         1966, IEC6052 measuring standard compatible, Type 4X(UL50), NEMA 4X compliant Shock Resistance           Shock Resistance         501 (IEC 60068-275 compliant), IK10 (IEC6262)           Dimensions         #154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))           Mass (approx.)         Approx.11 kg (2.43 Ibs.)           Finish         Main body : Aluminum die ca						
Audio Output"6         a3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV           External I/O Terminals"6         ALARM IN 1 (Alarm input 1) Black & white input / Auto time adjustment input ) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1). ALARM IN 3 (Alarm input 3) AUX OUT) (x1)           General         Safety         UL (UL62368-1), c4L (UL62326-1), c4U (S5A C22 X0.62368-1), c5L (EC62368-1)           EMC         FCC (Part15 ClassA), ICE5-003 ClassA, EN55032 ClassA, EN55035           Power Consumption         PO (UE12802-31) c0mpliant) Device : DC48 V 240 mA, Approx. 11.5W (Class 0 device)           Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F) ?           Termperature         (Power On range : -30 °C to +60 °C (-22 °F to +140 °F))           Ambient Operating Humidity         10 to 100 % (no condensation)           Anti-Condensation System         Termish element + Heater + moisture absorption gel           Water and Dust Resistance         501 (EC 60068-2-75 compliant), IK10 (EC6220)           Dimensions         a154 mm x 105 mm (H) (a6-1/16 inches x 4-1/8 inches (H))           Mass (approx.)         Approx. 1.1 kg (2.43 Ibs.)           Finish         Main body : Aluminum die cast, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Output impedance : Approx. 600 Q (unbalanced) Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV           External I/O Terminals <sup>*6</sup> 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           Power Source and         DC power supply 6': DC12 V 1.0 A, Approx. 12.0 W           Power Consumption         PoE (IEEE802.3af compliant) Device : DC48 V 240 mA, Approx. 11.5 W (Class 0 device)           Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F)?           Temperature         (Power On range : -30 °C to +66 °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         501 (IEC 60068-2-75 compliant), IK10 (IEC62262)           Dimensions         ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))           Mass (approx.)         Approx.11 kg (2.43 Ibs.)           Finish         Main body : Aluminum die cast, I-FRO white           Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Output level : -20 dBV           External I/O Terminals <sup>*6</sup> ALARM IN 1 (Alarm input 7) (Jack & white input7, Auto time adjustment input1) (A) ALARM IN 2 (Alarm Input 2) (ALARM OUT) (x), ALARM IN 3 (Alarm input 3) (AUX OUT) (x)           General         Safety         UL (UL62368-1), C-UL (CSA C22.2 No.62368-1), CE, IEC62368-1           EMC         FCC (Part15 ClassA), ICE5-003 ClassA, ENS5032 ClassA, ENS5035           Power Source and         DC power supply <sup>6</sup> : DC12 V 1.0 A, Approx. 12.0 W           Power Consumption         PoE (IEE802.34 compliant) Device : DC48 V 240 mA, Approx. 11.5 W (Class 0 device)           Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F)?           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         1966, IEC6052 measuring standard compatible, Type 4X(ULSD), NEMA 4X compliant           Shock Resistance         501 (IEC 60068-275 compliant), IK10 (IEC6262)           Dimensions         #154 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, i-PRO white           Outer fixing screws : Stainless steel (Corrosion-resistant treatment)		Audio Output <sup>*6</sup>				
External I/O Terminals <sup>-6</sup> 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 2 (Alarm input 3) AUX OUT) (x1)           General         Safety         UL (U62368-1), C-UL (CSA C22, No.62368-1). CE, IEC62368-1           EMC         FCC (Part15 ClassA), ICE5-003 ClassA, EN55032 ClassA, EN55035           Power Source and         DC power supply <sup>6</sup> : DC12 V1.0 A, Approx. 12.0 W           Power Consumption         P6[[[EEB02.31 compliant] Device: DC48 V240 mA, Approx. 11.5 W (Class 0 device)           Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F) <sup>7</sup> 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           Anti-Condensation System         Temish element + Heater + moisture absorption gel           Water and Dust Resistance         101C (EC 60068-2-75 compliant), IK10 (EC6220)           Dimensions         ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))           Mass (approx.)         Approx.11. Hg (2-43 Ibs.)           Finish         Main body : Aluminum die cast, 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)           General         Safety         UL (UL62368-1), c-UL (CSA C22, 2 No.62368-1), CE, EICC386-1)           EMC         FCC (PartIS ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035           Power Source and         DC power supply's: DC12 V1.0 A, Approx. 12.0 W           Power Consumption         PoE (IEEB02.3af compliant) Device : DC48 V240 mA, Approx. 11.5 W (Class 0 device)           Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F)7           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 + leater + moisture absorption gel           Water and Dust Resistance         500 (IEC 60068-2-75 compliant), IK10 (IEC62262)           Dimensions         ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))           Mass (approx.)         Approx.11 kg (2.43 Ibs.)           Finish         Main body : Aluminum die cast, i-PRO white           Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
General         Safety         UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1           EMC         FCC (Part15 ClassA), ICE5-003 ClassA, EN55032 ClassA, EN55035           Power Source and         DC power supply*o: DC12 V 1.0 A, Approx. 12.0 W           Power Consumption         Po6 [IEEB02.3d compliant] Device : DC48 V 240 mA, Approx. 11.5 W (Class 0 device)           Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F)?           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         50 (IEC60529 mesuring stundard compatible, Type 4X(UL50E), NEMA 4X compliant           Shock Resistance         50 (IEC60529 mesuring), IX10 (IEC6262)           Dimensions         ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))           Mass (approx.)         Approx.11 kg (2.43 Ibs.)           Finish         Main body : Aluminum die cast, i-PRO white           Outer fixing screws : Stainles steel (Corrosion-resistant treatment)		External I/O Terminals <sup>*6</sup>				
EMC         FCC (PartIS ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035           Power Source and         DC power supply*: DC2 V 1.0 A, Approx. 12.0 W           Power Consumption         Poil [EEB02.31 compliant] Device: DC48 V 240 mA, Approx. 11.5 W (Class 0 device)           Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F)?           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           Anti-Condensation System         Temish element + Heater + moisture absorption gel           Water and Dust Resistance         1966, IEC60529 measuring standard compatible, Type 4X(ULSO), NEMA 4X compliant Shock Resistance           Shock Resistance         901 KEC 60068-2-75 compliant), IK10 (IEC620262)           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 Ibs.)           Finish         Main body : Aluminum die cast, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Power Source and         DC power supply <sup>1</sup> 6 : DC12 V 1.0 A, Approx. 12.0 W           Power Consumption         Pof [(EEE802.3af compliant) Device : DC48 V 240 mA, Approx. 11.5 W (Class 0 device)           Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F) <sup>7</sup> 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         500 (EC 60068-2-75 compliant), IK10 (EC 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, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)	General					
Power Consumption         PoE [IEEE802.3af compliant] Device : DC48 V 240 mA, Approx. 11.5 W (Class 0 device)           Ambient Operating         -40 °C to +60 °C (-40 °F to 140 °F)7           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         501 (IEC 60068-2-75 compliant), IK10 (IEC62262)           Dimensions         ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))           Mass (approx.)         Approx.11 kg (2.43 lbs.)           Finish         Main body : Aluminum dire cast, i-FRO white           Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Ambient Operating     -40 °C to +60 °C (-40 °F to 140 °F)*7       Temperature     (Power On range : -30 °C to +60 °C (-22 °F to +140 °F))       Ambient Operating Humidity 10 to 100 % (no condensation)     Anti-Condensation Just Resistance       Vater and Dust Resistance     1P66, EC60529 mesuring standard compatible, Type 4X(ULSO), NEMA 4X compliant       Shock Resistance     50 (UE (C 6006-2-75 compliant), IK10 (ECE262))       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, i-PRO white       Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
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 measuing standard compatible, Type 4X(UL50E), NEMA 4X compliant           Shock Resistance         50J (IEC 60068-2-75 compliant), IK10 (IEC62262)           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, i-PRO white           Outer fixing screws : Stainless steel (Corrosion-resistant treatment)		· · · · · · · · · · · · · · · · · · ·				
Ambient Operating Humidity       10 to 100 % (no condensation)         Anti-Condensation System       Temish element + heater + moisture absorption gel         Water and Dust Resistance       IP66, IEC60529 measuing standard compatible, Type 4X(UL50E), NEMA 4X compliant         Shock Resistance       500 (IEC 60068-2-75 compliant), IK10 (IEC62262)         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, I-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Anti-Condensation System         Temish element + Heater + moisture absorption gel           Water and Dust Resistance         IP66, IEC60529 mesuring standard compatible, Type 4X(USDE), NEMA 4X compliant           Shock Resistance         501 (IEC 60068-2-75 compliant), IK10 (IECE262)           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, i-PRO white           Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Water and Dust Resistance         IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant           Shock Resistance         501 (IEC 60068-2-75 compliant), IKT0 (IEC62262)           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, i-PRO white           Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Shock Resistance         50J (IEC 60068-2-75 compliant), IK10 (IEC62262)           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, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
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, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Mass (approx.)         Approx. 1.1 kg {2.43 lbs.}           Finish         Main body : Aluminum die cast, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment)						
Finish Main body : Aluminum die cast, 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)			

GOP (Group of pictures) control:

\*5 When recording audio on an microSD memory card, only use AAC-LC (Advanced Audio Coding - Low Complexity). \*6 When using with these, WV-QCA501A cable is required.

\*7 When using with the IR LED light constantly lit, the upper limit of the operating temperature range is +50 °C {+122 °F}.

## Appearance



## AI Analytics applications

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

## AI Video Motion Detection (AI-VMD)

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

#### **AI Privacy Guard**

Network Smart Coding

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.

#### Al 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.

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

### **Optional Accessories**

#### Mount Bracket / Other CORNER POLE WALL 1 2 3 1 2 1 2 Sun Shade Pole Mount Bracket Corner Mount Bracket Wall Mount Bracket Wall Mount Bracket WV-QSR500-W (White) **PWM485W** WV-QWL500-W PAPM4W PACA4W (White) (White) (White) (White) .\* combination Wall Mount Bracket WV-QWL500-W(White) Conduit Adapter Adapter Box Base Bracket Wall Mount Bracket Wall Mount Bracket Wall Mount Bracket WV-QJB500-W (White) PAPM6 WV-QJB501-W WV-QWL500-W(White) **PWM485W PWM485W** (Black) (White) (White) (+ WV-QJB500-W) (White) (+ WV-QJB500-W) 0 101 'lf ne 'If needed

	HANGING			PARAPET	CEILING		
	1	2	3	1	1	2	3
combination	Ceiling Mount Bracket WV-QCL501-W (White)	Ceiling Mount Bracket WV-QCL101-W (White) *For indoor instalation only.	Ceiling Mount Bracket WV-QCL101-W 11 (White) *For indoor instalation only.	Parapet Mount Bracket PPRM35W (White)	Ceiling Mount Bracket (Embedded) WV-QEM500-W (White)	Base Bracket WV-QJB501-W (White)	Ceiling Mount Bracket WV-Q105A
	Mount Bracket WV-QSR501-W (White)	Mount Bracket PS485W (White)	This bracket requires 1 1⁄2" NPT pipe.	Mount Bracket PS485W (White)			

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

#### Dome Cover

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

#### Cable



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

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



i-PRO Co., Ltd. https://i-pro.com/ (2A-350AL)