

WV-S25700-V2LN

Preliminary

::::·PRO

New S-series wide lineup high resolution network camera with AI engine 4K (8MP) Vandal Resistant Outdoor Dome Network Camera

The 5MP/6MP/4K varifocal lens model, a high-resolution network camera will be added to the lineup of the well-established new S series.

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. With the released of total 34 models, including fixed focus, black body, smoke dome, and derivative models such as heavy salt damage resistant models, to support a wide variety of security monitoring applications.

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.

High security

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

Key i-PRO Spec.

- 4K (8MP)
- Intelligent Auto (with AI Engine)
- Super Dynamic 132dB
- Color night vision (0.04 to 0.06 lx)
- Smart Coding (with Al Engine)
- ClearSight Coating
- Built-in IR LED
- Fiber Optic Media Converter Unit (Optional WV-S25F1)
- ONVIF[®] Profile G / M / S / T *ONVIF is a trademark of ONVIF, Inc.

Industry examples

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





Specifications

spec	incat	.10115				
Camera	Image Sei	nsor	Approx. 1/1.8 type CMOS image sensor			
Minimum Illumination			Color : 0.04 lx (30IRE, F1.5, 1/30s) *1			
			Color : 0.06 lx (50IRE, F1.5, 1/30s)			
			BW : 0.03 lx (50IRE, F1.5, 1/30s)			
			BW : 0 lx (50IRE, F1.5,1/30s with IR LED)			
	White Bal	ance	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 Dyr		On / Off. The level can be set in the range of 0 to 31. Max.132 dB (Super Dynamic : On, Level 31) The level can be set in the range of 0 to 255.			
	Dynamic					
		Black Stretch				
	Back light compensation /		BLC (Back light compensation) / HLC (High light compensation) / Off			
	High light compensation		(only when Super dynamic / Intelligent Auto : Off)			
			On / Off (only when Intelligent auto / auto contrast adjust : Off)			
	Fog compensation Maximum gain (AGC)		On / Off (only when intelligent auto / auto contrast adjust : Off) The level can be set in the range of 0 to 11.			
	,		3			
	Color/BW (ICR)		Off / On (IR Light Off) / On (IR Light On) / Auto1 (IR Light Off) /			
			Auto2 (IR Light On) / Auto3 (SCC)			
	IR LED Lig	nτ	High / Middle / Low / Off,			
			Maximum irradiation distance : 70 m {Approx. 230 ft} (30IRE) *1			
			50 m {Approx. 164 ft} (50IRE)			
Digital Noise			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 Det		On / Off			
		Classification	Gunshot, Yell, Vehicle horn, Glass break			
	Al Analyti	CS	Yes			
	Privacy Zone		On / Off, Up to 8 zones available			
	VIQS		On / Off, Up to 8 zones available			
	Image rot	tation ^{*3}	0 ° / 90 ° / 180 ° / 270 °			
	Camera T	itle (OSD)	On / Off, Up to 40 characters (alphanumeric characters, marks)			
	Focus Adj	ustment	Auto focus			
Lens	Lens Optical zoom		2.0x (Motorized zoom / Motorized Focus)			
	Extra zooi	m	2.0x -6.0x (when resolution is 1280 x 720)			
	Focal leng	gth	4.3 - 8.6 mm {5/32 inches - 11/32 inches}			
	Angular F	ield of View	[16 : 9 mode] *[4:3 mode] is not supported.			
			Horizontal : 52° (TELE) – 101° (WIDE), Vertical : 29° (TELE) – 55° (WIDE)			
	Maximum	n Aperture Ratio	1:1.5 (WIDE) - 1:2.4 (TELE)			
	Focus range		1.0 m {39-3/8 inches} – ∞			
DORI	Detect (2	5ppm / 8ppf)	Wide: 63.3 m / 207.7 ft, Tele: 157.5 m / 516.6 ft			
	Observe (62.5ppm / 19ppf)	Wide: 25.3 m / 83.1 ft, Tele: 63.0 m / 206.6 ft			
	Recognize	e (125ppm / 38ppf)	Wide: 12.7 m / 41.5 ft, Tele: 31.5 m / 103.3 ft			
	Identify (250ppm / 76ppf)		Wide: 6.3 m / 20.8 ft, Tele: 15.7 m / 51.7 ft			
Adjusting			Horizontal : -194 to +166°, Vertical : -30 to +85°, Yaw : ±100°			
Browser	Camera C	ontrol	Brightness, AUX On / Off			
GUI	Audio		Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High			
	GUI / Setup Menu Language Browser*4		Audio Output : On / Off Volume adjustment : Low / Middle / High			
			English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese			
			Microsoft Edge, Firefox, Google Chrome			
Network			10Base-T / 100Base-TX, RJ45 connector			
Network	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			
		ransmission Mode	Constant bit rate / VBR / Frame rate / Best effort			
		ransmission Mode	Unicast port (AUTO) / Unicast port (MANUAL) / Multicast			
			10 steps			
	17.60	mage Quality	io sicps			

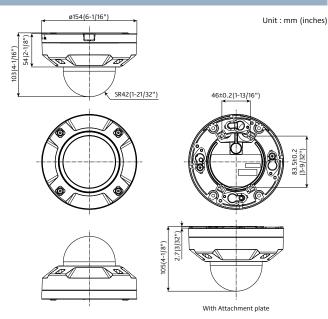
*1 Converted value *2 When 60 fps or 50 fps is selected, the Super Dynamic function is automatically set to off.

*3 When the 60 fps mode, 50 fps mode, 15 fps mode or 12.5 fps mode is used, the "90°" and "270°" settings are not available. When the 320x180 resolution is used, the "90°" and "270°" settings are not available.

*4 For information on the operation verification of the supported web browsers, refer to our support website <Control No.: C0132>, *5 Used by super resolution techniques

*6 Transmission for 4 streams can be individually set.

Appearance



Network Smart Coding COP (Group of pictures control): Off (Low (Variable COP 1s-Sis) (M (Variable COP 4s-16s)) Advanced (Fixed COP 60s w/ls 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)/[Off, Smart P-picture control: On/Off Audio Compression G.726 (ADPCM) : 6 kbps / 32 kbps Audio transmission mode G.711 (Mc(Line) input / Adio output / Interactive (Half dupled) / Interactive (Full dupled) Supported Protocol IPr6 : TCP/IP. UDP/IP. HTTP, STTPS, SSL/TLS, STTP, STP, RTP, RTP(RTCP, SMTP, DHCP, DNS, DDNS, NTP, SMMPA/V2/24, UPr6 : TCP/IP. UDP/IP. HTTP, SSL/TLS, STTP, STP, RTP, RTP(RTCP, SMTP, DHCP, DNS, DDNS, NTP, SMMPA/V2/24, UPr6 + TCP/IP. UDP/IP. HTTP, SSL/TLS, STSP, STP, MTP, ILDP No. of Simultaneous Users Up to 44 users (Depends on network conditions) SDXC/SDHC/SD H.265 / H.264 recording : Manual REC / Alam REC (Pre/Post) / Sackup upon network failure // BEC crearding : Manual REC / Alam REC (Pre/Post) / Backup upon network failure // BEC crearding : Manual REC / Alam REC (Pre/Post) / Backup upon network failure // BEC crearding : Manual REC / Alam REC (Pre/Post) / Backup upon network failure // BEC crearding : Manual REC / Alam REC (Pre/Post) / Backup upon network failure // BEC crearding : Manual REC / Alam REC (Pre/Post) / Backup upon network failure // BEC crearding : Manual REC / Alam REC (Pre/Post) / Backup upon network failure // BEC crearding : Manual REC / Alam REC (Pre/Post) / Backup upon network failure // BEC crearding : Manual REC / Alam REC (Pre/Post) / Backup upon network failure // Sec Restance Alarm Matri Source	Notwork	Smort Coding	GOP (Group of pictures control):			
Advanced (Fixed GOP 60s w/fix key-frame /i Frame rate control (Variable GOP 4s-16s with frame rate control) "Advanced and Frame rate control are only available with H.265. Smart VIQS: On(High)[On(LowV)[Off, Smart P-picture control: On/Off Audio Compression G.726 (ADPCM) : 16 kbps / 32 kbps G.710 : 64 kbps / 26 kbps / 128 kbps Audio transmission mode Off Mx (Line] input / Audio doubut / Interactive (Hall dupled) / Interactive (Fall dupled) Supported Protocol IPr6 : TC/IP, UDP/IP, HTTP, HTTP, SSL/TLS, SMTP, DNS, NTP, SNMMV/V2/V3, DHCP6, RTP, NLD, (CMP, ARP, IEEE 802.X), DHSew, STP, AUT, LDP No. of Simultaneous Users Up to 14 users (DupPIP, HTTP, HTTP, SSL/TLS, SMTP, STP, RTP, RTP, RTP, RTP, RTP, RTP, RTP, R	Network	smart coding				
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)] OIF; Smart P-picture control: On/OIF Audio Compression Audio Compression G.726 (ADPCM): 16 Kbps / 32 Kbps G.711 : 64 kbps / 32 kbps AAC-LC7 Audio transmission mode OIT / Mc (Line) input / Audio autput / Interactive (Hail dupled) / Interactive (Hail dupled) Supported Protocol IPI6-5 (TCP)/P.UDP/IP, HTTP, HTTP, SSLT, SSLT, DS, NTP, SNMP/I/Q2/3, DHCPv6, RTP, MLD, (CMP, ARP, IEEE 802, XD, DHSevs, STP, MQTT, LLDP No. of Simultaneous Users Up to 4 users (Depends on network conditions) SDXC/SDHC/SD H.265 / H.264 recording : Manual REC / Alarm REC (Pre[Post) / Sackup upon network failure DPEC recording : Manual REC / Alarm REC (Pre[Post) / Sackup upon network failure Compatible SDXC/SDHC/SD Memory card : 464, 86, 126 GB, 256 GB, 512 GB microSDHC memory card : 246, 86, 16 GB, 32 GB microSDHC memory card : 246, 86, 16 GB, 32 GB microSDHC memory card : 246, 86, 16 GB, 32 GB microSDHC memory recording . Fmail notification network failure Compatible SDXC/SDHC/SD Memory record ing . Fmail notification alarm Alarm Actions Alarm Source 3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Actions Alarm Source 3 terminals input, VMD alarm, Compand alarm, Audio detection alarm Alarm Actions Alarm Source 3 terminals input, VMD alarm, Compand alarm, Audio detection alarm Alarm Actions Alarm Actions SDXC/SDHC/SD memory recording. F-mail notification output (for adjustment) </th <th></th> <th></th> <th colspan="4"></th>						
*Advanced and Frame rate control are only available with H.265. Smart VIQS: On(High)[On(Low)[Off, Smart P-picture control: On[Off Audio Compression G.726 (ADPCM) : 16 kbps / 32 kbps Audio transmission mode Off [Mic (Line] input / Adio output Interactive [Half dupled] Interactive [Half dupled] Supported Protocol IPr6 : TCP/IP, UDP/IP, HTTP, HTTP, SSL/TLS, SMTP, DNS, NTP, SNMMP/V2/V3, DPr6, RTP, MIC, CMP, ARP, IEEE 802, XD, DHFes, VSTP, MUT, LUDP IPr6 : TCP/IP, UDP/IP, HTTP, HTTP, SSL/TLS, SMTP, STP, RTP, RTP[RTCP, SMTP, ADPC, RTP, SLD, CMP, ARP, IEEE 802, XD, DHFes, VSTP, STP, MCT, LUDP IPr6 : TCP/IP, UDP/IP, HTTP, HTTP, SSL/TLS, SMTP, STP, MTP, RTP[RTCP, SMTP, ARP, RTP, RTP[RTCP, SMTP, ADPC, RTP, SLD, CMP, ICMP, ARP, IEEE 802, XD, DHFes, VSTP, STP, MCT, LUDP No. of Simultaneous Users Up to 14 users (Depends on network conditions) SDXC/SDHC/SD HA265 / H.264 recording : Memory Card Manual REC / Alam REC (Pre/Post) / Shedue REC / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : microSDM emory card : 4 CB, 8 (B, GB, B 22 GB Mobile Terminal Compatibility IPad, IPhone (IOS 8.0 or later), Android™ terminals ONVIF® Profile G / M / S [T Alarm Actions SDXC/SDHC/SD PMemory card : 2 GB Mobile Terminal Compatibility IPad, IPhone (IOS 8.0 or later), Android™ terminals <td< th=""><th></th><th></th><th colspan="4"></th></td<>						
Smart VIQS: On(High)/On(Low)/Off, Smart P-picture control: On/Off Audio Compression G.726 (ADPCM) :16 kbps / 32 kbps Audio transmission mode G/Th :: 64 kbps / 128 kbps Audio transmission mode M/L (Line) input / Audio output / Interactive (Hall duplex) / Interactive (Fall duplex) / Interactive (F						
Audio Compression G.726 (ADPCM): 16 kbps / 32 kbps Audio transmission mode G.711 ::64 kbps Audio transmission mode Off / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex) Supported Protocol IP/6 : TCP/IP. UDP/IP. HTTP, HTTPS, SSL/TLS, SMTP, NDS, NTP, SMMP/1/2V/3, DHC+Vo, RTP, NDD, DNS, NTP, SMMP/1/2V/3, UDP/2, SMTP, OHCP, NDS, DDNS, NTP, SMMP/1/2V/3, UDP/2, SMTP, OHCP, NDS, DNS, NTP, SMMP/1/2V/3, UDP/2, SMTP, SMTP, UDP/2, MMTP, UDP/2, MMTP, UDP/2, MMTP, UDP/2, MMTP, SSL/TLS, SMTP, STP, MQTT, LLDP IN-v6.155 Most STP, SMTP, UDP/2, Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure JEC (and the stress in the stress i						
Audio transmission mode G.71 : 64 kbps Audio transmission mode GI // (k (Line) input // Audio output / (Interactive (Half duplex) / Interactive (Fall duplex) / Interactive (Fall duplex) Supported Protocol IPv6 : TCPIP, UDPIP, HTTP, HTTPS, SSL/TLS, STSP, DNS, NTP, SNMPV/V2/V3, DHPV/V2/V3, DHPV/V2/V3, UDPP, CDPIP, NTP, HTTP, SSL/TLS, STSP, RTP, RTP/RTCP, SNTP, DHCP, DNS, DNS, SNTP, SNMPV/V2/V3, UDPP, ICMP, ICMP, RTP, IELE 802.1X, DiffServ, SFTP, MQTT, LLDP No. of Simultaneous Users Up to 14 users [Depends on network conditions] SDXC/SDHC/SD H.265 / H.264 recording : Memory Card Manual REC (Alam REC (Pre/Post) / Schedule REC / Backup upon network failure JPEG recording : Manual REC / Alam REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD memory card : 2 GB Mobile Terminal Compatibility IPad, IPhone(IOS 8. O or later), Android™ terminals ONVIF [®] Profile G / M / S / T Alarm Alarm Actions SDXC/SDHC/SD memory card : 2 GB Mobile Terminal Compatibility IPad, IPhone(IOS 8. O or later), Android™ terminals ONVIF [®] Profile G / M / S / T Alarm Alarm Actions SDXC/SDHC/SD memory recording. E-mail notification output Monitor Output VBS: 1.0 V (P-) / 7 S 0, composite, Pin jack for adjustment) An NTSC or PAL						
AAC-LC? : 64 kbps / 96 kbps / 128 kbps Audio transmission mode Off / Mic (Line) input / Audio output / Interactive (Fall duplex) / In		Audio Compression				
Audio transmission mode Off / Mic (Line) input / Audio output / Interactive (Half duples) / Interactive (Full duples) Supported Protocol IPVE : TCP/IP, UDP/IP, HTTP, STS, SMTP, DNS, NTP, SMMP1/v2/03, DFLCPV6, RTP, MDD, ICMP, ARP, IEEE 802, XD, DIFServ, SPTP, MQTT, LDP No. of Simultaneous Users Up to 14 users (Depends on network conditions) SDXC/SDHC/SD H.265 / H.264 recording : Memory Card Memory Card Mala REC / Alarm REC (Pre/Post) / Sackup upon network failure DFC recording : Manal REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : 64 (B, 128 (B, 256 (B, 512 CB microSDKC memory card : 64 (B, 128 (B, 256 (B, 512 CB microSDKC memory card : 24 (B, 8 (B, 16 (B, 32 GB microSDKC memory card : 24 (B, 8 (B, 16 (B, 32 GB microSDKC memory card : 24 (B, 8 (B, 16 (B, 32 GB microSDKC memory card : 26 (M, 128 (CB, 256 (B, 512 CB microSDKC memory card : 26 (M, 128 (CB, 256 (B, 512 CB microSDKC memory card : 26 (M, 128 (CB, 256 (B, 512 CB microSDKC memory card : 26 (M, 128 (CB, 256 (B, 512 CB microSDKC memory card : 26 (M, 128 (CB, 256 (B, 512 CB microSDKC memory card : 26 (M, 128 (CB, 256 (B, 512 CB microSDKC memory card : 26 (M, 128 (CB, 256 (B, 512 CB microSDKC memory card : 26 (M, 128 (CB) (CB) (CB) (CB) (CB) (CB) (CB) (CB)						
Supported Protocol IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, SMTP, DNS, NTP, SNMP/1/v2/v3, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DIffServ, STP, MQTT, LLDP IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, TSP, RTP, RTP/RTP/RTCP, SMTP, DHCP, DNS, DDNS, NTP, SNMPv1/v2/v3, UPNP, IGMP, ICMP, ARP, IEEE 802.1X, DiffServ, STP, MQTT, LLDP No. of Simultaneous Users UP to 14 users (Depends on network conditions) 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 DroSDXC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDM Emerory card : 64 GB, 128 GB, 256 GB, 512 GB microSDM Emerory card : 64 GB, 128 GB, 256 GB, 512 GB microSDM Emerory card : 64 GB, 128 GB, 256 GB, 512 GB microSDM Emerory card : 64 GB, 128 GB, 256 GB, 512 GB microSDX Emerory card : 64 GB, 128 GB, 256 GB, 512 GB microSDX Emerory card : 64 GB, 128 GB, 256 GB, 512 GB microSDM Emerory card : 64 GB, 128 GB, 256 GB, 512 GB microSDM Emerory card : 61 GB, 128 GB, 256 GB, 512 GB microSDM Emerory card : 61 GB, 128 GB, 256 GB, 512 GB microSDM Emerory card : 61 GB, 128 GB, 256 GB, 512 GB microSDM Emerory card : 61 GB, 128 GB, 256 GB, 512 GB microSDM Emerory card : 61 GB, 128 GB, 256 GB, 512 GB microSDM Emerory terver fill (Monitor Output Mobile Terminal Compatibility IPA (IPA (IPA (IPA (IPA (IPA (IPA (IPA						
DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, Diffserv, SFTP, MQTT, LLDP IPV4: TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, RTSP, RTP, RTP(RTPCP, SMTP, OHCP, DNS, DDNS, NTP, SMTP, VJ2V3, UPPP, ICMP, ICMP, ARP, IEEE 802.1X, Diffserv, SRTP, SFTP, MQTT, LLDP No. of Simultaneous Users Up to 14 users (Depends on network conditions) H.265 / H.264 recording : Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure DFG recording : Memory Card Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : Mobile Terminal Compatibility IP4d, iPhone(IOS 8.0 or later), Android™ terminals ONVIF® Profile C / M / S / T Alarm Alarm Actions SDXC/SDHC/SD memory card :: 4 GB, 8 GB, 16 GB, 32 GB microSDMC memory card :: 4 CB, 128 GB, 256 GB, 512 CB microSDMC memory card :: 4 GB, 8 GB, 16 GB, 32 GB Mobile Terminal Compatibility IP4d, iPhone(IOS 8.0 or later), Android™ terminals ONVIF® Profile C / M / S / T Alarm Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification output Monitor Output MS 1: 1.0 V [D-P] / T 50, composite, Pin jack Audio input*8 a3.5 mm stereo mini jack For microphone input: Recommended aplicable microphone : Plug-in power type (Sensitivity of microphone : -51 dB to -38 dB (0 dB=1V/Pa, 1 kHz)) Input impedance : Approx. 2 V4 (unbalanced) Su						
IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, RTSP, RTP, RTP/RTCP, SMTP, DHCP, DNS, DNS, NTP, SNMPV1/v2/v3, UPP, IOMP, ICMP, ARP, IEEE 802X, Differsev, SRTP, STP, MQTT, LLDP No. of Simultaneous Users Up to 14 users (Depends on network conditions) SDXC/SDHC/SD H.265 / H.264 recording : Memory Card Memory Card Manual REC / Alam REC (Pre/Post) / Schedule REC / Backup upon network failure JPEG recording : Manual REC / Alam REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : 64 GB, 128 GB, 256 GB, 512 GB microSDHC memory card : 4 GB, 8 GB, 15 GB, 32 CB microSDHC memory card : 2 GB Mobile Terminal Compatibility iPad, iPhone(IOS 8.0 or later), Android™ terminals ONVF® Profile G / M / S / T Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output VBS : 1.0 V [p-P] / 75 Q, composite, Pin jack Monitor Output VBS : 1.0 V [p-P] / 75 Q, composite, Pin jack 93.5 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 V4 (unbalanced) Output ive1 : - 20 dBV AARM NN 1 (Alarm input / Back & white input / Auto Ump 2 / AUX OUT] (u) AARM N2 (Alarm input 2 / AUX OUT] (v), AARM N2 (Alarm input 2 / AUX OUT] (v), AARM N2 (Alarm input 2 / Back a white input / Auto Ump 2 / AUX OUT] (u) AARM N2 (Alarm input 2 / Back a white input 2 / AUX OUT] (v), AARM N2 (Alarm input 2 / AUX OUT] (v), C.E, ECE2368-1 Em		Supported Protocol				
SMTP, DHCP, DNS, DDNS, NTP, SIMPV1/v2/v3, UPNP, IGMP, ICMP, ARP, IEEE 802.1X, DiffServ, SRTP, SFTP, MQTT, LLDP No. of Simultaneous User UP to 14 users (Depends on network conditions) 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 : microSDC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDHC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDHC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDC memory card : 64 GB, 80 G Ia terr). And Phone (IOS 8.0 or later), Android [™] terminals ONVIF® Profile Alarm Actions 3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Actions Mohitor Output VBS : 1.0 V [D-p] / 75 Q, composite, Pin jack Monitor Output VBS : 1.0 V [D-p] / 75 Q, composite, Pin jack Motior Output Nonitor Output Motior Output Nonitor Output Motior Output Nonitor Output Motior Output VBS : 1.0 V [D-p] / 75 Q, composite, Pin jack Audio input'8 a3.5 mm steree mini jack For microphone input: Recommended applicable microphone : Pild on 3a dB (d) del V[Pa, 1 kH2)) input impedance : Approx. 2 kQ (unbalanced) Output tere! : Approx10 dBV Audio Output'8 a3.5 mm steree mini jack (monaural output) Output teree						
ICMP, ARP, IEEE 802.1X, DiffServ, SRTP, STP, MQTT, LLDP No. of Simultaneous Users Up to 14 users (Depends on network conditions) SDXC/SDHC/SD H265 (H264 recording : Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure JPEG recording : Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : microSDXC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDKC memory card : 4 GB, 86 GB, 16 GB, 32 GB microSDKC memory card : 4 GB, 86 GB, 16 GB, 32 GB Mobile Terminal Compatibility Alarm Actions SDXC/SDHC/SD memory card : 2 GB Monitor Output IP 5 / T Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification output Monitor Output VB 5 / T Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification output Monitor Output VB 5 / T Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification output (for adjustment) An NTSC or PAL signal can be outputted from camera Addio input*8 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=1V/Pa, 1 kHz)) Input impedance : Approx10 dBV Aduio output*8 a3.5 mm stereo mini jack (monaural output) Audio Output*8 AJS mm stereo mini jack (monaural output)<						
No. of Simultaneous Users Up to 14 users (Depends on network conditions) SDXC/SDHC/SD H.265 / H.264 recording : Memory Card H.265 / H.264 recording : Manual REC / Alam REC (Pre/Post) / Schedule REC / Backup upon network failure JPEG recording : Manual REC / Alam REC (Pre/Post) / Backup upon network failure Compatible SDXC(SDHC/SD Memory Card : microSDMC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDHC memory card : 4 GB, 8 GB, 15 GB, 32 GB microSDHC memory card : 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card : 2 GB Mobile Terminal Compatibility IPad, iPhone(IOS 8.0 or later), Android ^M terminals ONVIF® Profile G / M / S / T Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output Monitor Output VBS : 1.0 V [p-p] / 75 Q, composite, Pin jack (for adjustment) An NTSC or PAL signal can be outputted from camera Audio input'8 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 KH2)) Input impedance : Approx, 2 Vd (unbalanced) Supply voltage : 2.5 V ±0.5 V For line input: maxtereo mini jack Audio Output'8 AJS mm stereo mini jack (monaural output) Output impedance : Approx, -10 dBV Audio Output'8 AJS mm stereo mini jack (monaural output) Output impedance : Approx, -10 dBV			SMTP, DHCP, DNS, DDNS, NTP, SNMPv1/v2/v3, UPnP, IGMP,			
SDXC/SDHC/SD H.265 / H.264 recording : Manual REC / Alam REC (Pe/Post) / Schedule REC / Backup upon network failure JPEG recording : Manual REC / Alam REC (Pe/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : microSDC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDHC memory card : 4 GB, 84 GB, 126 GB, 256 GB, 512 GB microSDHC memory card : 4 GB, 84 GB, 126 GB, 256 GB, 512 GB microSDHC memory card : 4 GB, 84 GB, 126 GB, 256 GB, 512 GB microSDHC memory card : 4 GB, 84 GB, 156 GB, 32 GB microSDHC memory card : 4 GB, 84 GB, 16 GB, 32 GB microSDHC memory card : 4 GB, 84 GB, 16 GB, 32 GB microSDHC memory card : 4 GB, 86 GB, 16 GB, 32 GB microSDHC memory card : 4 GB, 86 GB, 16 GB, 32 GB microSDHC memory card : 4 GB, 86 GB, 16 GB, 32 GB microSDHC memory card : 4 GB, 86 GB, 16 GB, 32 GB microSDHC memory card : 4 GB, 86 GB, 16 GB, 32 GB microSDHC memory card : 4 GB, 86 GB, 16 GB, 32 GB microSDHC memory card : 4 GB, 86 GB, 16 GB, 32 GB microSDHC memory card : 4 GB, 86 GB, 16 GB, 32 GB microSDHC memory card : 4 GB, 86 GB, 16 GB, 32 GB microSDHC memory card : 4 GB, 86 GB, 16 GB, 32 GB microSDHC memory card : 4 GB, 86 GB, 10 GB, 32 GB microSDHC memory card : 4 GB, 86 GB, 10 G			ICMP, ARP, IEEE 802.1X, DiffServ, SRTP, SFTP, MQTT, LLDP			
Memory Card Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure JPEG recording : Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC/SD Memory Card : microSDXC memory card : 64 GB, 128 GB, 256 GB, 512 GB microSDMC memory card : 4 GB, 8 GB, 16 GB, 32 GB Mobile Terminal Compatibility IPad, IPhone (IOS 8.0 or later), Android TM 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 output Input/ Output Monitor Output VBS : 1.0 V [p-r] / TS Q, composite, Pin jack Addio input'8 a3.5 mm stereo mini jack Desminal compatibility of microphone : Plug-in power type (Sensitivity of microphone : -51 dB to -38 dB (0 dB=1 V/Pa, 1 kHz)) Input impedance : Approx10 dBV Adio Output'8 a3.5 mm stereo mini jack (monaural output) Gal S mm stereo mini jack (monaural output) Audio Output'8 a3.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV Audio Output'8 AJ.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV Audio Output'8 AJ.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV Audio Output'8 AJ.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV Audio Output (IO Certinals'8 ALARM NI (JAmm		No. of Simultaneous Users	Up to 14 users (Depends on network conditions)			
JPEG recording : Manual REC / Narm 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, 156 GB, 32 GB microSDHC memory card : 4 GB, 8 GB, 16 GB, 32 GB Mobile Terminal Compatibility iPad, iPhone(iOS 8.0 or later), Android [™] terminals ONVIF® Profile C / M / S / T Alarm Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification Indication on browser, TCP alarm notification output Monitor Output VBS : 1.0 V [p-p] / 7 S Q, composite, Pin jack (for adjustment) An NTSC or PAL signal can be outputted from camera Aduido input*8 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=1V/Pa, 1 kHz)) Input impedance : Approx. 2 VQ (unbalanced) Supply voltage : 2.5 V ±0.5 V For line input: Input impedance : Approx. 2 VQ (unbalanced) Output level : -20 dBV External I/O Terminals*8 ALARM IN 1 (Alarm input 2) ALARM OUT] (xl), ALARM N3 (Alarm input 2) AUX OUT] (xl) Momitor Operating Humidity Ox Co to 400 °C (-40 °F to 140 °F)* Power Consumption Power Consumption Poet (EEE802.38 C to +60 °C (-22 °E to +140 °F)) Audio Output*8 AARM IN 1 (Alarm input 2) AUX OUT] (xl) ALARM IN 1 (Alarm input 2) AUX OUT] (xl) Ex		SDXC/SDHC/SD	H.265 / H.264 recording :			
Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXCJSDHC/DS Memory Card : microSDX memory card : 646, 128 GR, 256 GB, 512 CB microSDHC memory card : 4 GB, 84 GB, 156 GB, 32 CB microSDHC memory card : 4 GB, 84 GB, 16 GB, 32 CB microSDHC memory card : 4 CB, 8 GB, 16 GB, 32 CB microSDHC memory card : 2 CB Mobile Terminal Compatibility PiA (Phone(iOS 8.0 or later), Android TM terminals ONVIF® Profile G / M / S / T Alarm Actions SDXC/SDHC/SDMC momory recording, E-mail notification, HTP alarm notification indication on browser, TCP alarm notification output Monitor Output VBS : 1.0 V [D-p] / 75 Q, composite, Pin jack Monitor Output VBS : 1.0 V [D-p] / 75 Q, composite, Pin jack Audio input*8 a3.5 mm steree mini jack Audio input*8 a3.5 mm steree mini jack For microphone input: Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : -51 db to -33 dB (0 dH=1 V/Pa, 1 kH2)) input impedance : Approx. 2 kQ (unbalanced) Supply voltage : 2.5 V 4.0.5 V For line input: Input level : Approx00 dBV Audio Output*8 AJARM IN1 (Alarm input 1] Black & white input J Aux Out] (xI) AARM IN2 (Alarm input 2] AUX OUT] (xI) UL (U62368-1). CE-NO3 ClassA, EN55035 Forwer Consumption PC (Partis ClassA), ICES-003 ClassA, EN55035 Power Consumption PC (Partis ClassA), ICES-003 ClassA, EN55035 Power Consumption PC (E40 °F to 140		Memory Card	Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure			
Genpatible 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 Mobile Terminal Compatibility IPad, iPhone (IOS 8.0 or later), Android TM terminals ONVIF® Profile Alarm Actions SDXC(SDHC/SD memory card : 2 GB Monitor Output (If or adjustment) Alarm Actions SDXC(SDHC/SD memory recording, E-mail notification output (If or adjustment) An NTSC or PAL signal can be outputted from camera Aduio input'8 Acido input'8 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 : 25 V 40.5 V For microphone input: Input level : Approx10 dBV Audio Output'8 Ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 2 kQ (unbalanced) Supply voltage : 2.5 V 40.5 V For line input: Input line(2) Alarm Nut (JAlarm Nut) (JALARM NJ (Alarm Input J MAUOUT) (X) ALARM NI (Alarm Input 2) ALARM OUT) (X), ALARM NJ (Alarm Input 3) AUX OUT) (X) General Safety UL (UL62386+1), C-UL (CSA C22, No.62368+1), C-E (EC2368-1) EMC FCC (Part15 ClassA), ICES-003 ClassA, ENS5032						
General Safety UL (2328 C) + 20 K) General Safety UL (14238 C) + 20 K) Safety UL (16238 C) + 20 K) CON QUIT (18) Safety UL (16238 C) + 20 K) CON QUIT (18) Safety UL (16238 C) + 20 K) CON QUIT (18) Safety UL (16238 C) + 20 K) C) (22 C) K) Safety UL (16238 C) + 20 K) C) (22 C) K) Safety UL (16238 C) + 20 K) C) (22 C) K) Safety UL (16238 C) + 20 K) C) (22 C) K) Safety UL (16238 C) + 20 K) C) (22 C) K) Safety UL (16238 C) + 20 K) C) (22 C) K) Safety UL (16238 C) + 20 C) C) (22 C) K) For more and point of C) K) C) (22 C) K) C) (22 C) K) Safety UL (16238 C) + 20 C) C) (22 C) K) For C) C (22 C) K) C) (22 C) K) C) (22 C) K) Safety UL (16238 C) + 20 C) C) (22 C) K) For C) C (22 C) K) C) (22 C) K) C) (22 C) K) Ambient Operating -40 ° C (-40 ° F to 140 ° F) Ambient Operating			Manual REC / Alarm REC (Pre/Post) / Backup upon network failure			
General Safety UL (2328 C) + 20 K) General Safety UL (14238 C) + 20 K) Safety UL (16238 C) + 20 K) CON QUIT (18) Safety UL (16238 C) + 20 K) CON QUIT (18) Safety UL (16238 C) + 20 K) CON QUIT (18) Safety UL (16238 C) + 20 K) C) (22 C) K) Safety UL (16238 C) + 20 K) C) (22 C) K) Safety UL (16238 C) + 20 K) C) (22 C) K) Safety UL (16238 C) + 20 K) C) (22 C) K) Safety UL (16238 C) + 20 K) C) (22 C) K) Safety UL (16238 C) + 20 K) C) (22 C) K) Safety UL (16238 C) + 20 C) C) (22 C) K) For more and point of C) K) C) (22 C) K) C) (22 C) K) Safety UL (16238 C) + 20 C) C) (22 C) K) For C) C (22 C) K) C) (22 C) K) C) (22 C) K) Safety UL (16238 C) + 20 C) C) (22 C) K) For C) C (22 C) K) C) (22 C) K) C) (22 C) K) Ambient Operating -40 ° C (-40 ° F to 140 ° F) Ambient Operating			Compatible SDXC/SDHC/SD Memory Card :			
Image: Second						
microSD memory card : 2 G8 Mobile Terminal Compatibility IP3d, IPhone (IOS 8.0 or later), Android™ terminals DVNP® Profile G / M / S / T Alarm Alarm Source 3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output Input/ Output Monitor Output VB S: 1.0 V [p-p) / 75 Q, composite, Fin jack Audio input'8 a3.5 mm stereo mini jack For microphone input: Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : 4 pprox 10 dBV Audio Output'8 a3.5 mm stereo mini jack For microphone input: Input level : Approx 10 dBV Audio Output'8 a3.5 mm stereo mini jack (monaural output) Output impedance : Approx 10 dBV Audio Output'8 Audio Output'8 a3.5 mm stereo mini jack (monaural output) Output impedance : Approx 10 dBV Audio Output'8 As 5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output impedance : Approx. 10 dBV Audio Output'8 As 5 mm stereo mini jack (monaural output) Output impedance : Approx. 100 SU (unbalanced						
Mobile Terminal Compatibility iPad, iPhone (iOS 8.0 or later), Android™ terminals ONUF® Profile C / M / S / T Alarm Alarm Source 3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output Input/ Monitor Output VBS : 1.0 V [p-p] / 7S 9, composite, Pin jack Output An NTSC or PAL signal can be outputted from camera Addio input® 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*® Ø3.5 mm stereo mini jack (monaural output) Output ievel : -20 dBV External I/O Terminals*® ALARM IN 1 (Alarm input 2) ALARM OUT (xl), ALARM IN 2 (Alarm input 2) AUX OUT (xl) General Safety UL (UL62368-1), -CL (CSA C22, No.62368-1), -CE, IEC62368-1 EMC FCC (Part15 ClassA), IECE>003 ClassA, EN55032 ClassA, EN55035 Power Consumption Po (IEE802.33 from stere), ICL +20 dD (A, Approx, 11.5 W (Class 0 device) Am			-			
ONVIF® Profile G / M / S / T Alarm Alarm Source 3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Actions SDXC/SDHC/SDB (DB memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output Unput(Monitor Output VBS : 1.0 V [D-P] / 75 Q, composite, Pin jack Monitor Output Monitor Output VBS : 1.0 V [D-P] / 75 Q, composite, Pin jack Monitor dijustment) An NTSC or PAL signal can be outputted from camera a3.5 mm stereo mini jack Audio input*8 a3.5 mm stereo mini jack General Budio log (D = 1 V/Pa, 1 kH2)) Input impedance : Approx. 2 kQ (unbalanced) Supply voltage : 2.5 V ± 0.5 V For inne input : Input level : Approx10 dBV Audio Output*8 a3.5 mm stereo mini jack (monaural output) Output level : Approx00 dBV Audio Output*8 ALARM IN 1 (Alarm input 1) Black & white input / Aux OUT) (xI) ALARM IN 2 (Alarm input 2) AUX OUT) (xI) External I/O Terminals*8 ALARM IN 1 (UI 62368-1), C-U (L (SA C22, C2 No.62368-1), C-L (EGC2368-1) EU (L (ES2362-1), C-U (L (SA C22, C2 No.62368-1), C-L (EGC2368-1) EMC FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 Dower Source and DC power supply*8 : DC12 V 1.0 A, Approx. 11.5 W (Class 0 dev		Mobile Terminal Compatibility	· · · · · · · · · · · · · · · · · · ·			
Alarm Alarm Source 3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output Input/ Output Monitor Output VB : 1.0 V [p-p] / 75 Q, composite, Fin jack Audio input'8 An NTSC or PAL signal can be outputted from camera Audio input'8 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'8 a3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output impedance : Approx. 600 Q (unbalanced) Output impedance : Approx. 600 Q (unbalanced) Output impedance : Approx. 600 Q (unbalanced) General Safety UL (UL62368-1), c-UL (CSA C22, No.62368-1), CE, IEC62368-1 EMC FCC (PartIS ClassA), IEC5-003 ClassA, EM55032 ClassA, EM55035 Power Source and DC power supply* DC 20: V1.0 A, Approx. 1.0 W (Class 0 device) Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F)) Ambient Operating Humidity. 10 to 10% (no condensation) AntierOndensation System <						
Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification indication on browser, TCP alarm notification output Input/ Output Monitor Output VBS : 1.0 V [p-p] / 7S Q. composite, Pin jack Monitor Output An TSC or PAL signal can be outputted from camera Audio input*8 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 Evel : Approx10 dBV Audio Output*8 ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV Audio Output*8 ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV External I/O Terminals*8 ALARN IN 1 (Alarm input 2) ALARM OUT) (x1). ALARM IN 2 (ALARM OUT) (x1), ALARM IN 2 (ALARM OUT) (x2). PNOVE Cos2368-1 EMC FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 Power Consumption PoE (EE802.38 Compliant) Device: DC48 V24 0m A, Approx. 11.5 W (Class 0 device) Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F)' Temperature POWer On To 10% (no condensation) Anti-Condensation System Temish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC00529 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance IP66, IEC00520 Dimensions	Alarm					
Imput Imput (for adjustment) HTTP alarm notification indication on browser, TCP alarm notification output Imput (for adjustment) NDS : 1.0 V [D;-P] / 75 Q, composite, Fin jack (for adjustment) An STS cor PAL signal can be outputted from camera Audio input*8 a3.5 mm stereo mini jack a3.5 mm stereo mini jack For microphone input: Recommended applicable microphone : 51 dB to -38 dB (o dB=1 V/Pa, 1 kH2)) input impedance : Approx. 2 kQ (unbalanced) Supply voltage : 2.5 V ± 0.5 V For line input: multerel : Approx10 dBV Audio Output*8 ø3.5 mm stereo mini jack (monaural output) Output level : Approx10 dBV Audio Output*8 ø3.5 mm stereo mini jack (monaural output) Output level : - Approx10 dBV External I/O Terminals*8 ALARM IN 1 (Alarm input 1) Black & white input / Aux Out] (xl) ALARM IN 2 (Alarm input 2) AUX OUT] (xl) EBC FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 Power Source and Power Consumption DC power supplist] Device DC48 V24 0m A, Approx. 11.5 W (Class 0 device) Ambient Operating Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F)° (Power On range: -30 °C to +60 °C (-22 °F to +140 °F)) Ambient Operating Humidity.1 0 to 100 % (no condensation) Anti-Condensation System Termish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC602320 Dimmension						
Input/ Output Monitor Output (for adjustment) VBS : 1.0 V [p-p] / 75 Ω, composite, Pin jack An NTSC or PAL signal can be outputted from camera Audio input*® An NTSC or PAL signal can be outputted from camera a.s. 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*8 Ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV External I/O Terminals*8 ALARN IN 1 (Alarm input 1/Bick & white input / Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2/ LAXBM OUT) (x1), ALARM IN3 (Alarm input 3/ UXOUT) (x1) ALARM IN 2 (Alarm input 2/ LAXBM OUT) (x1), ALARM IN3 (Alarm input 3/ UXOUT) (x1) ALARM IN3 (Alarm input 3/ UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 EMC FCC (PartIS ClassA), ICES-003 ClassA, ENS5032 ClassA, ENS5035 Power Source and DC power source in DC power supply*B : DCI2 V 1.0 A, Approx. 11.5 W (Class 0 device) Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F)* Temperature Ambient Operating Humidity Anti-Condensation System Temish element + Heater + moisture absorption gel Water and Dust Resistance Water and Dust Resistance IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance Woter and nust Resistance IP66, IEC60520 measung standard compatible, Type 4X(UL50E), NEM 4X com		Alariti Actions				
Output (for adjustment) An NTSC or PAL signal can be outputted from camera Audio input*8 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 4.0.5 V For line input : Input level : Approx10 dBV Audio Output*8 a3.5 mm stereo mini jack (monaural output) Output impedance : Approx10 dBV Audio Output*8 a3.5 mm stereo mini jack (monaural output) Output level : -20 dBV External I/O Terminals*8 ALARN IN 1 (Alarm input 1) Black & white input / Auto time adjustment input) (x1) ALARM IN 2 (Alam input 2) ALARM OUT) (x1). ALARM IN 3 (Alarm input 3) AUX OUT) (x1) General Safety UL (UL62388-1), c-UL (CSA C22, No.62368-1), c-E, IEC62368-1 EMC FCC (Part15 ClassA), ICES-003 ClassA, EM55032 ClassA, EM55035 Power Consumption PC (IEE802.38 compliant) Device JC48 V240 mA, Approx. 11.5 W (Class 0 device) Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F)*) Ambient Operating Humidity. 10 to 100 % (no condensation) Anti-Condensation System Ambient Operating Humidity. Temish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC00529 measuring standard compatible, Type 4X(ULO	Innutl	Monitor Output	· · · · · · · · · · · · · · · · · · ·			
Audio input*8 a3.5 mm stereo mini jack For microphone input* Recommended applicable microphone : Plug-in power type For microphone input* Recommended applicable microphone : Plug-in power type Imput impedance : Approx. 2 KQ (unbalanced) Supply voltage : 2.5 V ± 0.5 V For line input Suppl voltage : 2.5 V ± 0.5 V For line input imput level : Approx10 dBV a3.5 mm stereo mini jack (monaural output) Output is gats - 2 od BV a3.5 mm stereo mini jack (monaural output) Output level : -2 od BV ALARM IN 2 (Alarm input 1) Black & white input / Auto time adjustment input) (x1) AABM IN 2 (Alarm input 2) AUX OUT) (x1) ALARM IN 1 (Marm input 1) Black & white input / Aux OUT) (x1) Safety UL (U162368-1), c-U (USA C22, ZN 6.62368-1), c-C, IEC62368-1 EMC FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 Power Consumption PC (IEE802.33 cnomplant) Device; DC48 V240 mA, Approx. 11.5 W (Class 0 device) Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F) °9 Temperature (Power On range : -30 °C to +60 °C (-22 °F to +140 °F)) Ambient Operating Humidity to 100 0% (no condensation) Anti-Condensation System Anti-Condensation System Temish element + Heater + moisture absorption gel Water and Dust Resistance I						
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*8 ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV External I/O Terminals*8 AARM IN 1 (Alarm input 1 / Black & white input / Auto time adjustment input) (x1) ALARM IN 1 (Alarm input 2 / ALARM OUT) (x1), ALARM IN 3 (Alarm input 3 / AUX OUT) (x1) General Safety UL (UL62368-1), c-UL (CSA C22.2 No. 62368-1), CE, IEC62368-1 ECC (PartIS ClassA), ICES-003 ClassA, EN55032 ClassA, EN55032 Power Source and DC power source inputy ¹⁸ DCI2 V 1.0 A, Approx. 11.5 W (Class 0 device) Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F) ¹⁹ Temperature Ambient Operating Humidity Anti-Condensation System Termish element + Heater + moisture absorption gel Water and Dust Resistance Water and Dust Resistance IP66, IEC0529 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance Water and Dust Resistance IP66, IEC0529 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance	output					
General Sensitivity of microphone : -51 dB to -38 dB (0 dB=1V/Pa, 1 kH2)) Input impedance : Approx. 2 kQ (unbalanced) Supply voltage : 2.5 V ±0.5 V For line input : Input level : Approx10 dBV Audio Output*8 Ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 Q (unbalanced) Output impedance : Approx. 600 Q (unbalanced) Output impedance : Approx. 600 Q (unbalanced) Output ievel : -20 dBV External I/O Terminals*8 ALARN IN 1 (Alarm input 2) ALARM OUT (xt), ALARM IN 3 (Alarm input 3) AUX OUT) (xt), ALARM IN 2 (Alarm input 2) ALARM OUT) (xt), ALARM IN 3 (Alarm input 3) AUX OUT) (xt), ALARM IN 2 (Alarm input 2) ALARM OUT) (xt), ALARM IN 3 (Alarm input 3) AUX OUT) (xt), ALARM IN 2 (Alarm input 2) ALARM OUT) (xt), ALARM IN 3 (Alarm input 3) AUX OUT) (xt), ALARM IN 2 (Alarm input 2) ALARM OUT) (xt), ALARM IN 3 (Alarm input 3) AUX OUT) (xt), ALARM IN 2 (Alarm input 2) ALARM OUT) (xt), ALARM IN 3 (Alarm input 3) AUX OUT) (xt), ALARM IN 2 (Alarm input 2) ALARM OUT) (xt), ALARM IN 3 (Alarm input 3) AUX OUT) (xt), ALARM IN 2 (Alarm input 2) ALARM OUT) (xt), ALARM IN 3 (Alarm input 3) AUX OUT) (xt), ALARM IN 2 (Alarm input 2) ALARM OUT) (xt), ALARM IN 3 (Alarm input 3) AUX OUT) (xt), Power Consumption PoE (IEE802.38 compilant) Device : DCl2 V 1.0 A, Approx. 12.0 W Power Consumption PoE (IEE802.38 compilant) Device : DCl3 V 240 mA, Approx. 11.5 W (Class 0 device) Ambient Operating Humidity. 10 to 100 % (no condensation) Anti-Condensation System Termish element + Heater + moisture absorption gel Water and Dust Resistance IF60, IEC00529 measuring standard compatible, Type 4X(ULSE), NEM 4X compliant Shock Resistance IF60, IEC00529 measuring standard compatible, Type 4X(ULSE), NEM 4X compliant Shock Resistance						
Input impedance : Approx. 2 kQ (unbalanced) Supply voltage : 2.5 V ± 0.5 V For line input : Imput level : Approx10 dBV Audio Output "8 Ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 60 0 Q (unbalanced) Output impedance : Approx. 60 0 Q (unbalanced) Output ievel : - 20 dBV External I/O Terminals"8 ALARM IN 1 (Alarm input 1) Black & white input / Auto time adjustment input) (x1) AARM IN 2 (Alarm input 2) (AUSOIT) (x1) ALARM IN 2 (Alarm input 2) (AUSOIT) (x1) ALARM IN 2 (Alarm input 2) (AUSOIT) (x1) General Safety UL (UG2388-1) CUL (CSA C22.2 No.62368-1) (CE, EC62368-1) EMC FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 Power Consumption Po (EE8802.38 Compliant) Device: DC48 V240 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 IP66, IEC60232 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance IP66, IEC66262) Dimension		r or microphone input .				
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 impedance : Approx. 600 Q (unbalanced) External I/O Terminals*® ALARM IN 1 (Alarm input 2) ALARM 600 U(unbalanced) General Safety UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 EMC FCC (PartIS ClassA), ICE>-003 ClassA, EMS5032 ClassA, EMS5035 Power Source and DC power supply*8 : DC12 V 1.0 A, Approx. 11.5 W (Class 0 device) Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F)'9 Temperature (Power On range : -30 °C to +60 °C (-22 °F to +140 °F)) Ambient Operating Humidhy 10 to 100 % (no condensation) Anti-Condensation System Termish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC60529 measung standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance IP64 mm x105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))						
For line input : Input level : Approx10 dBV Audio Output*8 ø3.5 mm stereo mini jack (monaural output) Output linepdance : Approx. 600 Q (unbalanced) Output level : -20 dBV External I/O Terminals*8 ALARN IN 1 (Alarm input 1/ Black & white input/. Auto time adjustment input) (xl) ALGEN ALARN IN 1 (Alarm input 2/ ALARM OUT) (xl), ALARM IN 3 (Alarm input 3/ AUX OUT) (xl) General Safety UL (UL62368-1), c-UL (CSA C2.2. No.62368-1), C.E. (EC62368-1 EMC FCC (PartIS ClassA), ICE5-003 ClassA, EN55032 ClassA, EN55035 Power Source and DC power supply*8 : DC12 V 1.0 A, Approx. 12.0 W Power Consumption Pd0 "Cto +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 Arti-Condensation System Temish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant 15 Mon (ICE 62262) Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))						
Audio Output*8 ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 2 (unbalanced) Output level : - 20 dBV External I/O Terminals*8 ALARM IN 1 (Alarm input 1) Black & white input / Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2) ALARM OUT) (x1). ALARM N 3 (Alarm input 2) (AUXOUT) (x1) ALARM IN 2 (Alarm input 2) CAU CSC 22: 00.62368-11). CF, IEC62368-1 General Safety UL (UG2388-1). c-UL (CSA C22: 00.62368-1). CF, IEC62368-1 EMC FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 Power Consumption DC power supply*8: DC12 V 1.0 A, Approx. 12.0 W Power Consumption Pot (IEE802.34 Compliant) Device; DC48 V 240 mA, Approx. 11.5 W (Class 0 device) Ambient Operating Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F)*9 (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 Water and Dust Resistance IP66, IEC60232 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance Minensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))		-				
Output impedance : Approx. 600 Q (unbalanced) Output level : -20 dBV External I/O Terminals*8 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 2) AUX OUT) (x1) 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 suppl*3 : 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)*9 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 Termish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance IP66, IEC60520 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance IP64 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))						
Output level : -20 dBV External I/O Terminals*8 ALARM IN 1 (Alarm input 1/ Black white input / Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM M3 (Alarm input 3/ AUX OUT) (x1) General Safety UL (UL62368-1), C-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 EMC FCC (PartIS ClassA), ICE5-003 ClassA, EN55032 ClassA, EN55035 Power Source and DC power supply*8 : DC12 V 1.0 A, Approx. 12.0 W Power Consumption Pof [IEEE802.3a1 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)*9 Temperature (Power On range : -30 °C to +60 °C (-2 °F to +140 °F)) Ambient Operating Humidhty 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(ULSE), NEM 4X compliant Shock Resistance IP60, IEC60520 Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))		Audio Output 8				
External I/O Terminals*8 ALARM IN 1 (Alarm input 1) Black & white input / Auto time adjustment input) (x1) AARM IN 2 (Alarm input 2) AUX OUT) (x1) ALARM IN 2 (Alarm input 2) AUX OUT) (x1) General Safety UL (ULG3268-1), -CU (CSA C22, No.62368-1), CE, IEC62368-1 EMC FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 Power Source and DC power supply*8: DC12 V 1.0 A, Approx. 12.0 W Power Consumption Pot (EEE802.34 Compliant) Device; DC48 V240 mA, Approx. 11.5 W (Class 0 device) Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F)*9 Temperature (Power On range : -30 °C to +60 °C (-20 °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 IP66, IEC60232 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance IR66, IEC60220 Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))						
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), C.E, IECG2368-1) EMC FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 Power Source and DC power supply [®] : 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) ⁹ Temperature (Power On range : -30 °C to +60 °C (-22 °F to +140 °F)) Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Temish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance IP61 (IEC 62262) Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))						
General Safety UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 EMC FCC (PartIS ClassA), ICE>003 ClassA, EN55032 ClassA, EN55035 Power Source and DC power supply [®] DC12 V 1.0 A, Approx. 12.0 W Power Consumption PGE (IEEE802.3af compliant) Device : DC48 V 240 mA, Approx. 11.5 W (Class 0 device) Ambient Operating -40 °C to -40 °C to 140 °F) ¹⁹ Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Termish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance IP60 (IEC 62262) Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))		External I/O Terminals ^{*8}				
EMC FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035 Power Source and DC power supply ³ : DC12 V 1.0 A, Approx. 12.0 W Power Consumption Pot [EE802.34 compliant] Device DC48 V240 mA, Approx. 11.5 W (Class 0 device) Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F)'9 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 IP66, IEC60232 measuring standard compatible, Type 4X(UL50E), NEM 4X compliant Shock Resistance IK10 (IEC 62262) Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))						
Power Source and DC power supply ¹⁸ : DC12 V 1.0 A, Approx. 12.0 W Power Consumption PoE [IEE802.3af compliant] Device: DC48 V240 mA, Approx. 11.5 W (Class 0 device) Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F) '9 Temperature (Power On range : -30 °C to +60 °C (-22 °F to +140 °F)) Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Temish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant Shock Resistance IK10 (IEC 62262) Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))	General	,				
Power Consumption PoE [IEEE802.3d 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)'9 Temperature (Power On range : -30 °C to +60 °C (-22 °F to +140 °F)) Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Temish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC60529 measuring standard compatible, Type 4X(ULSDE), NEMA 4X compliant Shock Resistance IK10 (IEC 62262) Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))						
Ambient Operating -40 °C to +60 °C (-40 °F to 140 °F)'9 Temperature (Power On range : -30 °C to +60 °C (-22 °F to +140 °F)) Ambient Operating Humidity. to 100 % (no condensation) Anti-Condensation System Temish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC0529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant Shock Resistance IR10 (IEC 62262) Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))						
Temperature (Power On range : -30 °C to +60 °C {-22 °F to +140 °F}) Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Temish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant Shock Resistance IK10 (IEC 62262) Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))						
Ambient Operating Humidity 10 to 100 % (no condensation) Anti-Condensation System Ternish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant Shock Resistance IK10 (IEC 62262) Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))						
Anti-Condensation System Ternish element + Heater + moisture absorption gel Water and Dust Resistance IP66, IEC05029 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant Shock Resistance IKI0 (IEC 62262) Dimensions ø154 mm x 105 mm (H) (ø6-1/16 inches x 4-1/8 inches (H))						
Water and Dust Resistance IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant Shock Resistance IK10 (IEC 62262) Dimensions ø154 mm x 105 mm (H) {ø6-1/16 inches x 4-1/8 inches (H)}						
Shock Resistance IK10 (IEC 62262) Dimensions Ø154 mm x 105 mm (H) (Ø6-1/16 inches x 4-1/8 inches (H))						
Dimensions Ø154 mm x 105 mm (H) {Ø6-1/16 inches x 4-1/8 inches (H)}		Water and Dust Resistance	IP66, IEC60529 measuring standard compatible, Type 4X (UL50E), NEMA 4X compliant			
		Shock Resistance				
Mass (approx.) Approx. 1.1 kg {2.43 lbs.}		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)			Outer fixing screws : Stainless steel (Corrosion-resistant treatment)			
Dome section : Polycarbonate resin, Clear (with ClearSight coating)						

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

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

AI Analytics applications

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

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

AI Face Detection

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

AI People Detection

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

AI Vehicle Detection

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

AI Non mask Detection

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

AI Occupancy Detection

Detecting the congestion via network camera with AI engine enables that information to be used direct visitors in advance or help store staff work more efficiently.

3rd party applications are also available.

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

Optional Accessories

Fiber Optic Media Converter Unit

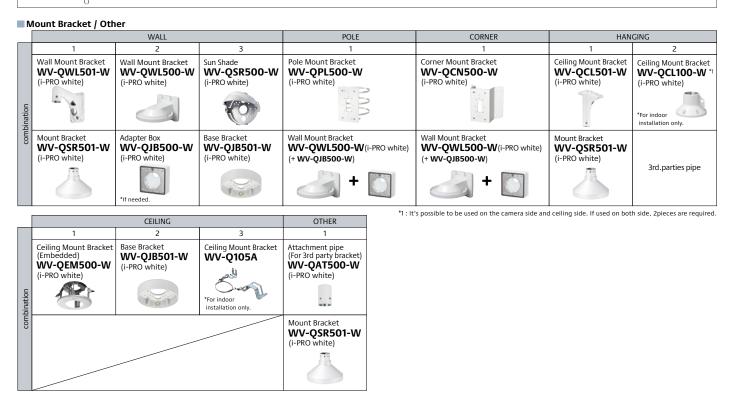
optic Media Converter Unit Fiber Optic Media Converter Unit supports long distance optical networks by converting copper RJ45 to fiber.

WV-S25F1 (Light gray)

 Basic specifications 	 Support sp 		
Power source	24 V AC(50 Hz/60 Hz)	SFP Port Type	
Ambient Operating Temperature :	-40 °C to +60 °C {-40 °F to 140 °F} (Power On range: -30 to +60 {-22 °F to 140 °F})	Ethernet Speed	
Ambient Operating Humidity :	10 % to 100 %(no condensation)	Supply voltage, cu	
Waterproof	IP66(IEC60529)	SFP Cage	
Shock resistance	IK10(IEC62262)		
*This unit requires an SEP module		*Different Color M	

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

* I his unit requires an SFP module. *Refer to website for compatible SFP modules. https://i-pro.com/global/en/surveillance/training-support/support/support/technical-information <Control No. : C0504>



Dome Cover

Dome Cover (Smoke type) WV-CW7S	Dome Cover (Smoke type with ClearSight coating)	Dome Cover (Clear type with ClearSight coating) WV-CW7CN	RJ45 Ethernet WV-QCA5 WV-OCA5
		\bigcirc	- Constant

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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 - Android is a trademark of Google LLC.

- ONVIF is a trademark of ONVIF. Inc.

- All other trademarks identified herein are the property of their respective owners.

Important

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



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