

4K Vandal Resistant Weatherproof Dome Network Camera WV-SFV781L



4K (3,840 x 2,160) H.264 Vandal Resistant Dome Network Camera

Key Features

- 4K (3,840 x 2,160) images up to 30 fps, 12M pixel (4,000 x 3,000) images up to 15 fps
- Newly developed 1/1.7 type high sensitivity MOS image sensor
- Ultrawide x6 zoom lens with the newly developed 3-drive lens system (Horizontal Angle: 100.0°(wide) to 17.0°(tele)) [4 : 3 mode]
- Multiple H.264 (High profile) streams and JPEG streams ensure simultaneous real time monitoring and high resolution recording.
- Digital Noise Reduction: 3D-DNR ensures noise reduction in various conditions.
- Smart coding Technology : Group of Pictures (GOP) control function removes unnecessary information from the frame for realizing efficient encoding.
 Auto VIQS (Variable Image Quality on Specified area) function recognizes the no movement area in a video automatically and lowering the resolution of it to reduce the data size.

GOP control and **Auto VIQS** can save the network bandwidth and the disk space of recorder effectively.

- High sensitivity with Day/Night (ICR*) function:
 0.3 lx (Color), 0.04 lx (B/W) at F1.6
 * ICR: IR Cut filter Removal
- Smart **IR LED** equipped: The equipped infrared LED makes it possible to take pictures at zero Ix. **The IR LED** is controlled to match the environment, thereby the camera provides clear images of human faces without white blur.
- Camera attachment bracket allows an easy camera installation toward all four directions.
- ABF (Auto Back Focus) ensures easy installation.
- VIQS (Variable Image Quality on Specified area) technology allows the designated **eight locations** to retain higher image quality while the excluded area will have a decreased image quality, which enables to use lower image file size and bit rate.
- Cropping function enables to provide whole image and the part image simultaneously.
 Up to 4 image capture areas can be specified, and it is also

Up to 4 image capture areas can be specified, and it is also possible to control the sequence.

- Electronic sensitivity enhancement: Auto (Up to 16/30s) / OFF
- Selectable light control modes: Outdoor scene, Indoor scene (50 Hz) / Indoor scene (60 Hz), Fix shutter
- 1x, 2x, 4x digital zoom controlled by browser

- VMD (Video Motion Detection) with 4 programmable detection areas, 15 steps sensitivity level and 10 steps detection size
- Privacy Zone can mask up to 8 private areas, such as house windows and entrances/exits.
- Camera title display: Up to 20 alphanumeric characters on the browser
- Alarm sources including 3 terminal input, VMD and Panasonic alarm command can trigger actions such as SDXC/SDHC/SD memory recording, FTP image transfer, E-mail notification, Indication on browser, Alarm terminal output, and Panasonic alarm protocol output.
- Full duplex bi-directional audio allows interactive communication between camera site and monitoring site.
- SDXC/SDHC/SD Memory card slot for manual recording (H.264 / JPEG), alarm recording (H.264 / JPEG) and backup upon network failure (H.264 / JPEG). Realize long-term recording and auto backup function.
- Fog compensation function equipped as standard.
- HLC (High Light Compensation) technology reduces strong light sources such as vehicle headlights to prevent camera being blinded.
- SCC (Super Chroma Compensation) function realizes a better color reproducibility even in low illumination.
- Internet mode: H.264 images can be transmitted over HTTP protocol.
- Multi-language: English / Italian / French / German / Spanish / Portuguese / Russian / Chinese / Japanese
- IPv4/IPv6 protocol supported
- Supports SSL, DDNS (viewnetcam, RFC2136)
- Still images (JPEG) can be viewed on mobile phones via Internet.
- ONVIF compliant model
- IP66 rated water and dust resistant. Compatible with IEC60529 measurement standard, Type 4X(UL50), NEMA 4X compliant.
- Dehumidification device for use with various weather conditions
- Vandal resistant mechanism for high reliability (IK10)
- Rain wash coating dome cover

Specifications

	fications	
Camera	Image Sensor Scanning Mode	1/1.7 type MOS image sensor Progressive scan
	Scanning Area	7.40 mm (H) x 5.55 mm (V) {9/32 inches (H) x 7/32 inches (V)}
	Minimum Illumination	Color : 0.3 lx, BW : 0.04 lx, BW(with IR LED) : 0 lx (F1.6, Maximum shutter : Off (1/30s), Gain : High),
	IR LED Light	Color : 0.02 k, BW 0.003 k (F1.6, Maximum shutter : Max. 16/30s, AGC : High) *1 Off / Auto(High / Mid / Low)
	IR LED irradiation distance White Balance Light Control Mode	Approx. 30 m {98.43 feet} {at IR LED : Auto (High)} ATW1 (2,700 - 6,000 K) /ATW2 (2,000 - 6,000 K) /AWC (2,000 - 10,000 K) Outdoor scene/ Indoor scene (50 Hz)/ Indoor scene (60 Hz)/ Fix shutter
	Maximum shutter	max. 1/1000 s, max. 1/500 s, max. 1/250 s, max. 1/120 s, max. 1/100 s, max. 2/120 s, max. 2/100 s, max. 1/30 s, max. 2/30 s, max. 4/30 s,
	Shutter Speed	max. 6/30 s, max. 10/30 s, max. 16/30 s Off(1/30), 3/100, 3/120, 2/100, 2/120, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000
	Wide Dynamic Range Adaptive Black Stretch	On / Off On / Off (only when Wide dynamic range: off)
	Fog compensation High light compensation(HLC)	On / Off (only when Wide dynamic range/ Adaptive black stretch: Off) On / Off (only when Wide dynamic range/ Back light compensation (BLC): Off))
	Gain (AGC) Day/Night (ICR)	On (High) / On(Mid) / On(Low) / Off Off / On / Auto1 (Normal) / Auto2 (IR Light) / Auto3 (SCC)
	Digital Noise Reduction Video Motion Detection (VMD)	High / Low On / Off, 4 areas available
	Privacy Zone VIQS Camera Title (OSD)	On / Off (up to 8 zones available) On / Off (up to 8 locations) On / Off Up to 20 characters (alphanumeric characters, marks)
Lana	Focus Adjustment	ABF / Manual (Html only) 4.2 mm - 25.2 mm {5/32 inches - 1 inch}
Lens	Angular Field of View	[16 : 9 mode] Horizontal : 17 ° (TELE) - 96 ° (WIDE) Vertical : 9.3 ° (TELE) - 54 ° (WIDE) [4 : 3 mode] Horizontal : 17° (TELE) - 100 ° (WIDE)
	Maximum Aperture Ratio	Vertical : 13 ° (TELE) - 75 ° (WIDE) 1 : 1.6 (WIDE) - 1 : 3.3 (TELE)
Adjusting	Focusing Range Angle	0.6 m - ∞ Horizontal : ±180 ° Vertical : 0 to 85°
Browser	Cropping	Image tilt adjustment range : -45° (Left) to +300° (Right) H.264(1) Ch1- Ch4
GUI		Up to 4 image capture areas can be specified. *only when Image capture mode : Cropping [16:9] (30fps mode)
	Camera Control Display Mode	Brightness, AUX On / Off Spot, Quad: Image from 16 cameras can be displayed in 4 different Quad screens or 16 split screen (JPEG only). 20 characters camera title available.
	Digital Zoom Camera Title	1x, 2x, 4x controlled by browser GUI Up to 20 alphanumeric characters
	Clock Display	Time: 12H/24H, Date: 5 formats on the browser, Summer time (Manual)
	Alarm Control	Reset
	One Shot Capture Audio SD Memory	A still picture will be displayed on a newly opened window. Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Still or motion Images recorded in the SDXC/SDHC/SD
	Data Download GUI/Setup Menu	The recorded data can be downloaded. English, Italian, French, German, Spanish, Portuguese, Russian,
	Language System Log	Chinese, Japanese Up to 100 (Internal)
	Supported OS *2	Up to 4,000 (SDXC/SDHC/SD memory) error logs Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft® Windows® 7, Microsoft® Windows® (Jetre®
	Supported Browser	Microsoft® Windows® 7, Microsoft® Windows Vista® Windows® Internet Explorer® 11 (32 bit) Windows® Internet Explorer® 10 (32 bit)
		Windows® Internet Explorer® 9 (32 bit) Windows® Internet Explorer® 8 (32 bit) Windows® Internet Explorer® 7 (32 bit)
Network	Network IF	10Base-T / 100Base-TX, RJ45 connector
	Image Resolution	•8 mega pixel [16 : 9] (30 fps mode) H.264(1): 3,840 x 2,160, up to 30 fps JPEG(2): 640 x 360
		•8 mega pixel [16 : 9] (15 fps mode) H.264(1): 3.840 x 2, 160, up to 15 fps Compliant with H.264 H.264(2): 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG(1): Enables the setting of the resolution in the same way as
		for H.264 (1), H.264 (2), or JPEG (2). JPEG(2): 640 x 360
		•12 mega pixel [4 : 3] (15 fps mode) H.264(1): 4,000 x 3,000, up to 15 fps
		H.264(2): 640 x 480 / 320 x 240, up to 5 fps JPEG(1): Enables the setting of the resolution in the same way as for H.264 (1), H.264 (2), or JPEG (2).
		JPEG(2): 640 x 480 •5 mega pixel [4 : 3] (30 fps mode)
		H.264(1): 2,560 x 1,920 / 2,048 x 1,536 / 1,600 x 1,200 / 1,280 x 960 / 800 x 600, up to 30 fps
		H.264(2): 1,280 x 960 / 800 x 600 / 640 x 480 / 320 x 240, up to 30 fps JPEG(1): Enables the setting of the resolution in the same way as for H.264 (1), H.264 (2), or JPEG (2).
		JPEG(2): 640 x 480 •4 mega pixel [16 : 9] (30 fps mode) H.264(1): 2,560 x 1,440 / 1,920 x 1,080 / 1,280 x 720, up to 30 fps H.264(2): 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps
		H.264(3): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps H.264(3): 640 x 360, up to 30 fps JPEG(2): 640 x 360
		UPECIQE 040 x 300 Cropping [16: 9] (30 fps mode) H.264(1): Ch1 1.280 x 720 / 640 x 360, up to 30 fps Cropping H.264(1): Ch2 1.280 x 720 / 640 x 360, up to 30 fps Cropping H.264(1): Ch3 1.280 x 720 / 640 x 360, up to 30 fps Cropping
		H.264(1): Ch4 1,280 x 720 / 640 x 360, up to 30 Figs Cropping H.264(2): Ch4 1,280 x 720 / 640 x 360, up to 30 Figs Cropping H.264(2): 1,920 x 1,080 / 1,280 x 720 / 640 x 360 /320 x 180, up to 30 Figs JPEG(1): Enables the setting of the resolution in the same way as for H.264 (2) or JPEG (2).
	H.264 Transmission	JPEG(2): 640 x 360 Constant bit rate / Variable bit rate / Frame rate / Best effort /
	priority	Advanced VBR

	H.264	Frame Rate	1 / 3 / 5* / 7.5* / 10* / 12* / 15* / 20* / 30* fps
		<when th="" variable<=""><th>* The frame rate is limited to "bit rate".</th></when>	* The frame rate is limited to "bit rate".
		bit rate, Frame rate, or Advanced	When a value with an asterisk (*) is selected, the actual frame
		VBR is selected>	rate may be lower than the value selected.
		Bit Rate/Client	64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 /
			4,096 / 6,144 / 8,192 / 10,240 / 12,288 / 14,336 / 16,384 /
			20,480 / 24,576 / 30,720 / 40,960 kbps
			* The available range of the H.264 bit rate varies depending on
			the setting selected for "image capture size".
		Image Quality	<when best="" bit="" constant="" effort="" is="" or="" rate="" selected=""></when>
			Low / Normal / Fine
			<when bit="" is="" rate="" selected="" variable=""></when>
		Ornert Ordine mode	0 Super Fine / 1 Fine / 2 / 3 / 4 / 5 Normal / 6 / 7 / 8 / 9 Low
		Smart Coding mode	On (Low / Mid / High) / Off (Only when "Variable bit rate" is selected) 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s
		Refresh Interval	
	1050	Transmission Type	Unicast / Multicast
	JPEG	Image Quality Refresh Interval	10 steps
		Refresh Interval	0.1 fps - 30 fps (JPEC frame rate will be rectricted when displaying both JPEC and H 264 images
		Transmission Type	(JPEG frame rate will be restricted when displaying both JPEG and H.264 images. Pull / Push
	Audio C	Compression	G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps / AAC-LC*3
	Audio C	Joinpression	
	Audio te	anomiccion/	64 kbps / 96 kbps / 128 kbps
	Audio transmission/		Off / Mic (Line) input / Audio output / Interactive (Half duplex) /
	receptio		Interactive (Full duplex)
	Authentication for Audio Supported Protocol		Level 1 only / Level 2 higher / All users
			IPv6: TCP/IP, UDP/IP, HTTP, HTTPS, RTP, FTP, SMTP, DNS,
			NTP, SNMP, DHCPv6, MLD, ICMP, ARP IPv4: TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP, RTP/RTCP,
			FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, UPnP,
	FTP Client		IGMP, ICMP, ARP
		onit	Alarm image transmission, FTP periodic transmission When the FTP transmission is failed, backup on an optional
			(When the FTP transmission is failed, backup on an optional SDXC/SDHC/SD memory card is available.)
	Maximum	oncurrent access number	
		SDHC/SD	Up to 14 users (Depends on network conditions) H.264 recording: Manual REC / Alarm REC (Pre/Post) /
		/ Card (Option)	Schedule REC / Backup upon network failure
	* Use the SD memory card manufactured by Panasonic		JPEG recording: Manual REC / Alarm REC (Pre/Post) / FTP error / Backup upon network failure
	(SD spee	d class 4 orhigher),	Backup upon network failure Compatible SD (SDHC/SDXC) card: Baccoria 2 CPL 4 CPL* 2 CPL* 14 CPL* 23 CPL* 64 CPL* model
	Class 10.	e case of SD Speed that complies with	
	UHS-1 (Ultra High Speed-1). Cellular Phone Compatibility Mobile Terminal Compatibility' ⁴		Panasonic 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 GB*, 64 GB* model *SDHC card, ** SDXC card (except miniSD card and microSD card) JPEG image, AUX control (by access leve)) iPad, iPhone, iPod touch (IOS 4.2.1 or later), Android™ mobile terminals
Alarm	Alarm Source		3 terminals input, VMD, Command alarm
Alum			SDXC/SDHC/SD memory recording, E-mail notification,
	Alarm Actions		Indication on browser, FTP image transfer, Panasonic protocol output
	Alarm Log Schedule		With SDXC/SDHC/SD memory card: 50,000 logs
			Alarm / VMD / Access permission / H.264 recording / Scene file /
			FTP periodic image transmission
Input/	Monitor Output (for adjustment)		VBS: 1.0 V [p-p] / 75 Ω, NTSC / PAL composite, RCA jack
Input/	Microphone/Line Input		ø3.5 mm stereo mini jack
Input/ Output		none/Line Input	
•		none/Line Input	Input impedance: Approx. 2 kΩ (unbalanced)
•		For microphone	Input impedance: Approx. 2 k Ω (unbalanced) Recommended applicable microphone: Plug-in power type
•			
•		For microphone	Recommended applicable microphone: Plug-in power type
•		For microphone	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ± 0.5 V
•	Microph	For microphone input For line input	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V \pm 0.5 V Recommended sensitivity of microphone:
•	Microph	For microphone input	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ±0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz)
•	Microph	For microphone input For line input	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ±0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV ø3.5 mm stereo mini jack
•	Microph Audio C	For microphone input For line input Dutput ^{*5}	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ±0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV a3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI
•	Microph Audio C	For microphone input For line input	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ± 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 KHz) Input level: Approx10 dBV ø3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT),
Output	Microph Audio C Externa	For microphone input For line input Dutput ^{*5}	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V =0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV o3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN3 (AUX OUT, DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT)
•	Microph Audio C	For microphone input For line input Dutput ^{*5}	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V = 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV ø3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-17)
Output	Microph Audio C Externa Safety	For microphone input For line input Dutput ^{*5}	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ±0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV 03.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN3 (AUX OUT, DAY/NIGHT IOUT) ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1] CE, IEC60950-1
Output	Microph Audio C Externa	For microphone input For line input Dutput ^{*5}	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V = 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV o3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM INI (DAY/NIGHT INI), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1) CE, IEC60950-1 FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB,
Output	Audio C Externa Safety EMC	For microphone input For line input Dutput ⁷⁵	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V = 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV ø3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1) FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024
Output	Microph Audio C Externa Safety EMC Power S	For microphone input For line input Dutput '5 I I/O Terminals	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ±0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV 03.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1) CE, IEC60950-1 FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V: 1050 mA / Approx. 12.6 W
Output	Microph Audio C Externa Safety EMC Power S	For microphone input For line input Dutput ⁷⁵	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ± 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV 03.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM INI (DAY/NIGHT INI), ALARM INI (2 (ALARM OUT), ALARM INI (DAY/NIGHT INI), ALARM INI (2 (ALARM OUT), CE, IEC60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1) FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V : 1050 mA / Approx. 12.6 W PoE (IEEE802.3af compliant) /
Output	Microph Audio C Externa Safety EMC Power S Power C	For microphone input For line input Dutput ⁷⁵	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V = 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV ø3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN3 (AUX OUT, DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1); FCC (PartIS ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V : 1050 mA / Approx. 12.6 W PoE (IEEE802.3af compliant) / PoE DC44 V : 265 mA / Approx. 12.95 W (Class 0 device)
Output	Microph Audio C Externa Safety EMC Power S Power C Ambient C	For microphone input For line input Dutput "5 I I/O Terminals Source and Consumption "6 Operating Temperature	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ±0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV 03.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1] CE, IEC60950-1 FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V: 1050 mA / Approx. 12.6 W PoE ICE802.3af compliant) / PoE DC48 V: 265 mA / Approx. 12.95 W (Class 0 device) -45 °C to +50 °C (-49 °F to 122 °F)
Output	Audio C Externa Safety EMC Power S Power C Ambient C	For microphone input For line input Jutput ¹⁵	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ± 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV 93.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM INI (DAY/NIGHT INI), ALARM INI (2 (ALARM OUT), ALARM INI (DAY/NIGHT INI), ALARM INI (2 (ALARM OUT), ELG950-1 FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V: 1050 mA / Approx. 12.6 W Po6 (IEEE802.3af compliant) / Po6 (EEE802 3 af Compliant) / Po6 (EEE802.3 af Compliant) / Po6 (24 9 °F to 122 °F) 10 to 90 % (no condensation)
Output	Audio C Externa Safety EMC Power S Power S Ambient C Ambient C	For microphone input For line input Dutput ^{*5} I I/O Terminals Consumption ^{*6} Operating Temperature Operating Humidity Protection	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V = 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV e3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN3 (AUX OUT, DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (L60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1) FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V : 1050 mA / Approx. 12.6 W Pod (EEE802.3af compliant) / Pod EDC48 V : 265 mA / Approx. 12.95 W (Class 0 device) -45 °C to +50 °C (-49 °F to 122 °F) 10 to 90 % (no condensation) Compliant with IK10 (IEC 62262)
Output	Audio C Externa Safety EMC Power S Power C Ambient Impact Water a	For microphone input For line input Dutput "5 I I/O Terminals Source and Consumption "6 Operating Temperature Operating Humidity Protection ind	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ± 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV 3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1) FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V: 1050 mA / Approx. 12.6 W PoE IDC18 v: 1050 mA / Approx. 12.95 W (Class 0 device) -45 °C to +50 °C (-49 °F to 122 °F) 10 to 90 % (no condensation) Compliant with IK10 (IEC 60252), Type 4X (UL50),
Output	Audio C Externa Safety EMC Power S Power C Ambient Impact Water a Dust Re	For microphone input For line input Jutput '5 I I/O Terminals Source and Consumption '6 Operating Temperature Operating Temperature Operature Operating Temperature Operating Temperature Op	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V = 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV 93.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM INI (DAY/NIGHT INI), ALARM INI (2 (ALARM OUT), ALARM INI (DAY/NIGHT INI), ALARM INI (2 (ALARM OUT), LARM INI (DAY/NIGHT INI), ALARM INI (2 (ALARM OUT), ALARM INI (DAY/NIGHT INI), ALARM INI (2 (ALARM OUT), ALARM INI (DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1) FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V: 1050 mA / Approx. 12.6 W Poe (IEEE802.3af compliant) / Poe (IEEE802.3af compliant) / Poe (Ca+50 °C (-49 °F to 122 °F) 10 to 90 % (no condensation) Compliant with IK10 (IEC 62262) Main body: IP66 (IEC60529, Type 4X (UL50), NEMA 4X compliant
Output	Audio C Externa Safety EMC Power S Power C Ambient Impact Water a	For microphone input For line input Jutput '5 I I/O Terminals Source and Consumption '6 Operating Temperature Operating Temperature Operature Operating Temperature Operating Temperature Op	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V = 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV e3.5 mm stereo min jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN3 (AUX OUT, DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (L60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1) FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V : 1050 mA / Approx. 12.6 W PoE (EEE802.3af compliant) / PoE (EEE802.3af compliant) / PoE (DC48 V : 265 mA / Approx. 12.95 W (Class 0 device) -45 °C to +50 °C (-49 °F to 122 °F) 10 to 90 % (no condensation) Compliant with IK10 (IEC 62262) Main body: IP66 (IEC60529), Type 4X (UL50), NEMA 4X compliant When using the attachment plate :
Output	Audio C Externa Safety EMC Power S Power C Ambient Impact Water a Dust Re	For microphone input For line input Jutput '5 I I/O Terminals Source and Consumption '6 Operating Temperature Operating Temperature Operature Operating Temperature Operating Temperature Op	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ± 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV 3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1) FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V: 1050 mA / Approx. 12.6 W PoE IDC18 V: 1050 mA / Approx. 12.95 W (Class 0 device) -45 °C to +50 °C (-49 °F to 122 °F) 10 to 90 % (no condensation) Compliant with IK10 (IEC 60252), Type 4X (UL50), NEMA 4X compliant When using the attachment plate : e228 mm x 188 mm (H) (d8-31/32 inches x 7-716 inches (H)},
Output	Audio C Externa Safety EMC Power S Power C Ambient Impact Water a Dust Re	For microphone input For line input Jutput '5 I I/O Terminals Source and Consumption '6 Operating Temperature Operating Temperature Operature Operating Temperature Operating Temperature Op	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ± 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV ø3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV. Can be used as the monitor output by switching browser GUI ALARM INI (D0/YNIGHT INI), ALARM INI (2 (ALARM OUT), ALARM INI (D0/YNIGHT INI), ALARM INI (2 (ALARM OUT), LARM INI (D0/YNIGHT INI), ALARM INI (2 (ALARM OUT), LC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V : 1050 mA / Approx. 12.6 W PoE (IEEE802.3af compliant) / PoE (IEEE802.3af compliant) / PoE (GEC650 mA / Approx. 12.95 W (Class 0 device) +45 °C to +50 °C (+49 °F to 122 °F) 10 to 90 % (no condensation) Compliant with IK10 (IEC 62262) Main body: IP66 (IEC60529), Type 4X (UL50), NEM 4X compliant When using the attachment plate : ø228 m x 189 mm (H) (ø8-31/32 inches x 7-7/16 inches (H)), Dome radius 80 mm (3-5/32 inches)
Output	Audio C Externa Safety EMC Power S Power C Ambient Impact Water a Dust Re	For microphone input For line input Jutput '5 I I/O Terminals Source and Consumption '6 Operating Temperature Operating Temperature Operature Operating Temperature Operating Temperature Op	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V = 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV 03.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1) FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V : 1050 mA / Approx. 12.6 W PoE (IEEE802.3af compliant) / PoE (IEEE802.3af compliant) / PoE (IEEE802.3af compliant) / PoE (IEE60250) Compliant with IK10 (IEC 62262) Main body: IP66 (IEC60529), Type 4X (UL50), NEMA 4X compliant When using the attachment plate : a228 mm x 188 mm (H) (a8-31/32 inches x 7-7/16 inches (H)}, Dome radius 80 mm (H) 5/32 inches x 7-7/16 inches (H)},
Output	Audio C Externa Safety EMC Power S Power C Ambient Impact Water a Dust Re	For microphone input For line input Jutput '5 I I/O Terminals Source and Consumption '6 Operating Temperature Operating Temperature Operature Operating Temperature Operating Temperature Op	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ± 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV :03.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1 FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V: 1050 mA / Approx. 12.6 W PoE DC48 V: 265 mA / Approx. 12.95 W (Class 0 device) -45 °C to +50 °C (-49 °F to 122 °F) 10 to 90 % (no condensation) Compliant with IK10 (IEC 60252), Type 4X (UL50), NEM 4X compliant When using the attachment plate : 0228 mm x 188 mm (H) (48-31/32 inches x 7-7/16 inches (H)), Dome radius 80 mm (H) 46-31/32 inches x 8-27/32 inches (H))
Output	Audio C Externa Safety EMC Power S Power S Ambient Mater a Dust Re Dust Re Dimens	For microphone input For line input Dutput ¹⁵ I I/O Terminals Source and Consumption ¹⁶ Operating Temperature Operating Temperature Operating Humidity Protection ind esistance ¹⁷ ions	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ± 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV 03.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM INI (DAY/NIGHT INI), ALARM INI (2 (ALARM OUT), ALARM INI (DAY/NIGHT INI), ALARM INI (2 (ALARM OUT), ALARM INI (DAY/NIGHT INI), ALARM INI (2 (ALARM OUT), ALARM INI (DAY/NIGHT INI), ALARM INI (2 (ALARM OUT), ALARM INI (DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1 FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V : 1050 mA / Approx. 12.6 W PoE (IEEE802.3af compliant) / PoE (IEEE802.3af compliant) / PoE (IEEE802.3af condensation) Compliant with IK10 (IEC 62262) Main body: IP66 (IEC60529), Type 4X (UL50), NEMA 4X compliant When using the attachment plate : 0228 mx x 189 mm (H) (86-31/32 inches) x 7-7/16 inches (H)), Dome radius 80 mm (3-5/32 inches) When using the base bracke
Output	Audio C Externa Safety EMC Power S Power C Ambient Impact Water a Dust Re	For microphone input For line input Dutput ¹⁵ I I/O Terminals Source and Consumption ¹⁶ Operating Temperature Operating Temperature Operating Humidity Protection ind esistance ¹⁷ ions	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ± 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV 03.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (L60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1 FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V : 1050 mA / Approx. 12.6 W PoE (IEEE802.3af compliant) / PoE (IEEE802.3af compliant) / PoE (IEEE802.3af compliant) / PoE (IEE60250) Compliant with IK10 (IEC 62262) Main body: IP66 (IEC60529), Type 4X (UL50), NEMA 4X compliant When using the attachment plate : a228 mm x 189 mm (H) [a8-31/32 inches x 7-7/16 inches (H)], Dome radius 80 mm (3-5/32 inches] When using the base bracket : a228 mm x 225 mm (H) [a8-31/32 inches x 8-27/32 inches (H)] Dome radius 80 mm (3-5/32 inches] When usi
Output	Audio C Externa Safety EMC Power C Ambient Impact Water a Dust Re Dimens Mass (a	For microphone input For line input Dutput ¹⁵ I I/O Terminals Source and Consumption ¹⁶ Operating Temperature Operating Temperature Operating Humidity Protection ind esistance ¹⁷ ions	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ± 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV :03.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1 FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V: 1050 mA / Approx. 12.6 W PoE DC48 V: 265 mA / Approx. 12.95 W (Class 0 device) -45 °C to +50 °C (-49 °F to 122 °F) 10 to 90 % (no condensation) Compliant with IK10 (IEC 60529), Type 4X (UL50), NEM 4X compliant When using the attachment plate : 0228 mm x 188 mm (H) (48-31/32 inches x 7-7/16 inches (H)), Dome radius 80 mm (3-5/32 inches) When using the base bracket : 0228 mm x 225 mm (H) (48-31/32 inches x 8-27/32 inches (H)), Dome radius 80 mm (H) (48-31/32 inches x 8-27/32 inches (H)), Dome radius 80 mm (H) (48-31/32 inches x 8-27/32 inches (H)),
Output	Audio C Externa Safety EMC Power S Power S Ambient Mater a Dust Re Dust Re Dimens	For microphone input For line input Dutput ¹⁵ I I/O Terminals Source and Consumption ¹⁶ Operating Temperature Operating Temperature Operating Humidity Protection ind esistance ¹⁷ ions	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V = 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV :03.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM INI (D0/YNIGHT INI), ALARM INI (2 (ALARM OUT), ALARM INI (D0/YNIGHT INI), ALARM INI (2 (ALARM OUT), LARM INI (D0/YNIGHT INI), ALARM INI (2 (ALARM OUT), LC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V : 1050 mA / Approx. 12.6 W PoE (IEEE802.3af compliant) / PoE (IEEE802.3af compliant) / PoE (IEEE802.3b) °C (+49° F) 10 to 90 % (no condensation) Compliant with IK10 (IEC 62262) Main body: IP66 (IEC60529), Type 4X (UL50), NEMA 4X compliant When using the attachment plate : e228 mm x 189 mm (H) (48-31/32 inches x 7-7/16 inches (H)), Dome radius 80 mm (3-5/32 inches) When using the base bracket : e228 mm x 225 mm (H) (48-31/32 inches x 8-27/32 inches (H)) Dome radius 80 mm (3-5/32 inches)
Output	Audio C Externa Safety EMC Power C Ambient Impact Water a Dust Re Dimens Mass (a	For microphone input For line input Dutput ¹⁵ I I/O Terminals Source and Consumption ¹⁶ Operating Temperature Operating Temperature Operating Humidity Protection ind esistance ¹⁷ ions	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ±0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV -3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60850-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1) CE, IEC60950-1 FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V : 1050 mA / Approx. 12.6 W PoE DC48 V : 265 mA / Approx. 12.95 W (Class 0 device) -45 °C to +50 °C (-49 °F to 122 °F) 10 to 90 % (no condensation) Compliant with IK10 (IEC 62262) Main body: IP66 (IEC60529), Type 4X (UL50), NEMA 4X compliant When using the attachment plate : ø228 mm x 189 mm (H) (ø8-31/32 inches x 7-7/16 inches (H)}, Deme radius 80 mm (3-5/32 inches) When using the base bracket : ø228 mm x 255 mm (H) (ø8-31/32 inches x 8-27/32 inches (H)}, Deme radius 80 mm (3-5/32 inches) When using the base bra
Output	Audio C Externa Safety EMC Power C Ambient Impact Water a Dust Re Dimens Mass (a Finish	For microphone input For line input Dutput ¹⁵ I I/O Terminals Source and Consumption ¹⁶ Operating Temperature Operating Temperature Operating Humidity Protection ind esistance ¹⁷ ions	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ± 0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV -83.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1) FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V: 1050 mA / Approx. 12.6 W PoE DC48 V: 265 mA / Approx. 12.95 W (Class 0 device) -45 °C to +50 °C (-49 °F to 122 °F) 10 to 90 % (no condensation) Compliant with IK10 (IEC 60228). Main body: IP66 (IEC60529), Type 4X (UL50), NEM adx compliant When using the base bracket : 0228 mm x 188 mm (H) (98-31/32 inches x 7-7/16 inches (H)), Dome radius 80 mm (3-5/32 inches) When using the base bracket : 0228 mm x 225 mm (H) (88-31/32 inches x 8-27/32 inches (H)), Dome radius 80 mm (3-5/32 inches) When using the base bracket : </td
Output	Audio C Externa Safety EMC Power C Ambient Impact Water a Dust Re Dimens Mass (a	For microphone input For line input Dutput ¹⁵ I I/O Terminals Source and Consumption ¹⁶ Operating Temperature Operating Temperature Operating Humidity Protection ind esistance ¹⁷ ions	Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ±0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) Input level: Approx10 dBV -3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBX Can be used as the monitor output by switching browser GUI ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT) UL (LL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1 CE, IEC00950-1 FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024 DC12 V : 1050 mA / Approx. 12.6 W PoE DC48 V : 265 mA / Approx. 12.95 W (Class 0 device) -45 °C to +50 °C (-49 °F to 122 °F) 10 to 90 % (no condensation) Compliant with IK10 (IEC 62262) Main body: IP66 (IEC60529), Type 4X (UL50), NEMA 4X compliant When using the attachment plate : ø228 mm x 189 mm (H) (ø8-31/32 inches x 7-7/16 inches (H)}, Dmer radius 80 mm (3-5/32 inches) When using the base bracket : ø228 mm x 225 mm (H) (ø8-31/32 inches x 8-27/32 inches (H)}) Dmer adius 80 mm (3-5/32 inches) When using the base brack

Microsoft® Windows® 1, Microsoft® Windows® 8, Microsoft® Windows® 7, Microsoft® Windows or Windows Internet Explorer, click "Manual" - "Open" from the supplied CD-ROM and refer to "Notes on Windows® / Internet Explorer® versions". 7, Microsoft® Windows Vista®,

*4 AC-LC (Advanced Audio Coding - Low Complexity) is only used when recording audio on an SD memory card. *4 For further information about compatible devices, refer to our website

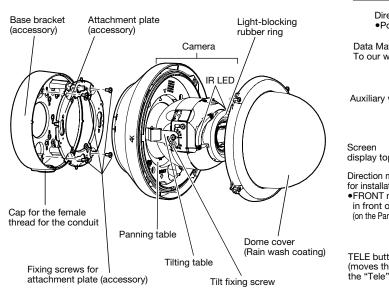
(http://security.panasonic.com/support/info/).
*5 In order to be able to switch the monitor output, "8 mega pixel [16:9](15fps mode)", "5 mega pixel [4:3](30fps mode)", or "12 mega pixel [4:3](15fps mode)" must be selected for "Image capture mode". For information about usage limitations, refer to "2.3.1 Configure the basic settings [Basic]" in the

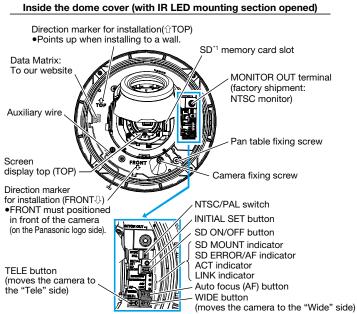
"Operating Instructions". *6 Refer to our website (http://security.panasonic.com/support/info/) for further information about Power source and Power consumption information.

*7 Only when installation work is properly performed according to the instructions in this book and appropriate waterproof treatment is performed. *8 Component that has a structure on which the screws that are accessible after installation cannot

be screwed or unscrewed using an ordinary screwdriver.

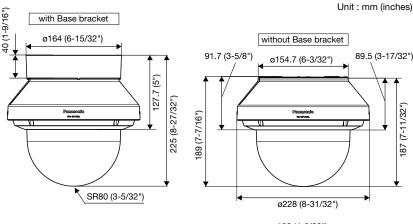
Part Names and Functions

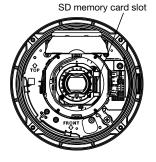


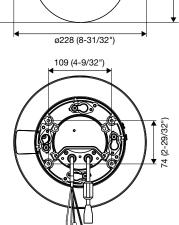


*1 SDXC/SDHC/SD memory card is described as SD memory card

Appearance







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 All other trade marks identified herein are the property of their respective owners. Important

- Safety Precaution: Carefully read the Important Information, Installation Guide and operating instructions before using this product. - Panasonic cannot be responsible for the performance of the network and/or other manufacturers' products used on the network

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Standard Accessories

Important Information	

The following parts are used during installation procedures.

Attachment plate	l pc.
Base bracket	l pc.
• Fixing screws for attachment plate (M4 x 8 mm)	
	pare)
Template A (for the attachment plate)	I sheet.
Template B (for the base bracket)	I sheet.
• Bit (Hex wrench, screw size 6.35 mm {1/4 inches} T20) 1	l pc.
Waterproof tape	l pc.
• 4P alarm cable	1 pc.
• 2P power cable	l pc.
LAN connector cover 1	pc.
MONITOR OUT conversion plug *3	l pc.
Protection cover	l pc.

- *1 The CD-ROM contains the operating instructions and different kinds of
- tool software programs. *2 This label may be required for network management
- The network administrator shall retain the code label. *3 This can be used as MONITOR OUT by switching the audio/monitor output

cable of the unit using software switching. Connect the MONITOR OUT conversion plug to the audio/monitor output cable and use it when converting the ø3.5 mm stereo mini jack to the RCA pin jack output.

· Masses and dimensions are approximate. · Specifications are subject to change without notice.



http://security.panasonic.com http://www.facebook.com/PanasonicNetworkCamera (2A-139BA)