

4CH H.264 Video Encoder WJ-GXE500



4CH H.264 Real-time Network Video Encoder

Key Features

- Full frame H.264 transmission for each 4 channels
- Dual streams of H.264 (High profile) and JPEG at VGA / D1 image size
- Motion adaptive interlace/progressive conversion allows every frame to be clear even when the subject is moving.
- Compensates the picture degradation caused by long-distance cable maintaining clear picture
- Coaxial communication ensures the control of i-PRO PTZ cameras via coaxial cable.
- Open command conversion table for RS-485 ensures the control of various manufacture's PTZ camera.
- SD/SDHC Memory card slot for manual recording, alarm recording, and backup upon network failure (JPEG)
- Camera title display: Up to 16 alphanumeric characters embedded in the image
- Full duplex bi-directional audio allows interactive communication.
- PoE. The power will be supplied by simply connecting a LAN cable. (IEEE802.3af compliant)
- Small size. And can be installed into the rack with mounting brackets. (Option)
- Alarm sources including 3 terminal input, VMD, camera site alarm, video loss, and TCP alarm notification
- VMD (Video Motion Detector) with 4 programmable detection
 areas
- Internet mode: H.264/MPEG-4 images can be transmitted by over HTTP protocol.

- Multi-language GUI and setup menu: English, French, Italian, Spanish, German, Russian (PAL) / English, French (NTSC)
 - * Installation required except for English
- IPv4/IPv6 protocol supported

Standard Accessories

- *1 The CD-ROM contains the operating instructions (PDFs) and different kinds of tool software programs.
 *2 This label may be required for network
- *2 This label may be required for network management. The network administrator sh retain the code label

Optional Accessory

EIA 48.26 cm (19 inch) Rack Mount Bracket

WV-Q204/2S

(for mounting three WJ-GXE500)

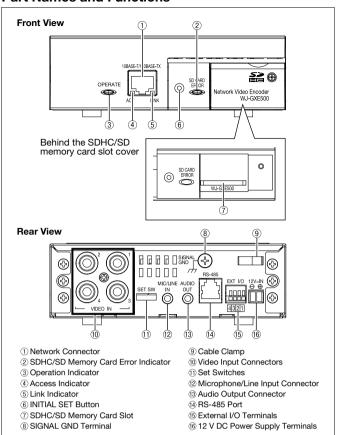
Joint bracket

Specifications

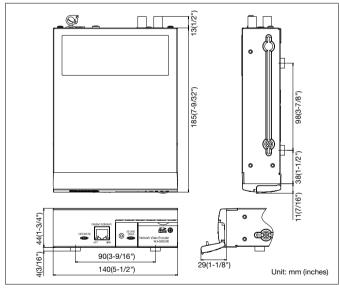
Audio/	1		NTSC	PAL
	Video Ir	nput	4x 1.0 V [p-p] / 75 Ω NTSC	4x 1.0 V [p-p] / 75 Ω PAL
Video IF		•	composite video inputs (BNC)	composite video inputs (BNC
			Multiplexed control data and cable	Multiplexed control data and cabl
			compensation compatible: 1 ~ 4 CH	·
	Microphone/Line Input		MIC IN and Line IN are selectab	
	Audio Output		(monaural input) (Applicable microphone: Plug-in power type)	
			Supply voltage: 2.5 V ± 0.5 V Input impedance: approx. 2 k Ω	
Browser	Camera Control		ø3.5 mm stereo mini jack (monaural output) Line level	
	Camera Control		Pan / tilt / zoom / focus / preset positions / auto focus	
GUI	Diseles Mari		(When using i-PRO PTZ cameras)	
	Display Mode		Spot, Quad: Image from 16 cameras can be displayed in 4	
	Linea Tial		different Quad screens (JPEG only). 20 characters camera title available	
	Unit Title		Up to 20 characters	
	Camera Title (OSD)		Up to 16 characters On/Off	
	Clock Display		Time: 12H/24H, Date: 5 formats on the browser, Summer time (Manu-	
	Alarm Control		Reset	
	One Shot Capture		A still picture will be displayed on a newly opened window.	
	Audio		Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Hig	
			Audio Output: ON / OFF Volume adjustment: Low/Middle/Hig	
	SD Memory Data Download		Still or motion images recorded in the SD/SDHC memory card can be downloaded	
	GUI/Setup Menu		English, French	English, French, Italian,
			_	
	Language		(Installation required for French)	
				(Installation required except for Engli
	System Log		Up to 100 (Internal), Up to 4,000	
			recording format is set to JPEG.) error logs	
	Supported OS		Microsoft® Windows® 8, Microsoft® Windows® 7,	
			Microsoft® Windows Vista®, Microsoft® Windows® XP SP3	
	Supported Browser		Windows® Internet Explorer® 10.0(32 bit),	
			Windows® Internet Explorer® 9.0(32 bit),	
			Windows® Internet Explorer® 8.0(32 bit),	
			Windows® Internet Explorer® 7.0(32 bit),	
			Microsoft® Internet Explorer® 7.0(32 bit), Microsoft® Internet Explorer® 6.0 SP3	
Madanasala	Network IF		·	
Network			10Base-T / 100Base-TX, RJ-45	
	Image F	Resolution	VGA mode: VGA (640 x 480) /	· · · · · ·
			QVGA (320 x 240)	QVGA (320 x 240)
			D1 mode: D1 (720 x 480)	D1 mode: D1 (720 x 576)
	H.264/	Transmission Mode	Constant bitrate / Framerate pri	ority
	MPEG-4*	Frame Rate	1/3/5/7.5/10/15/20/30 fps	1/3.1/4.2/6.25/8.3/12.5/20/25
		Bit Rate/Client	64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,5	
		Image Quality	Low / Normal / Fine	
			0.2 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5	9
			UNICAST / MULTICAST	
	IDEC			
	JPEG	Image Quality	10 steps	
		Refresh Interval	0.1 fps ~ 30 fps	0.08 fps ~ 25 fps
			(JPEG frame rate will be restricted	(JPEG frame rate will be restrict
			when displaying both JPEG	when displaying both JPEG
			and H.264/MPEG-4 images.)	and H.264/MPEG-4 images.
		Transmission Type	PULL / PUSH	
	Audio C	Compression	G.726 (ADPCM), 32 kbps / 16 k	bps, CH1 only.
	Audio Mode		OFF / Mic (Line) input / Audio output / Interactive (Half duplex) /Interactive (Full duple	
	Authentification for Audio			
	Authenti			
				lusers
	Total Bi	it Rate	64 / 128 / 256 / 384 / 512 / 768 / 1,024	l users / 2,048 / 4,096 / 8,192 kbps / Unlimit
	Total Bi		64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RTI	I users / 2,048 / 4,096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN
	Total Bi	it Rate	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RTI IPv4: TCP/IP, UDP/IP, HTTP, RT	I users / 2,048 / 4,096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN ISP, RTP, RTP/RTCP, FTP,
	Total Bi Suppor	it Rate ted Protocol	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RTI IPv4: TCP/IP, UDP/IP, HTTP, RT SMTP, DHCP, DNS, DDNS, NTI	I users / 2,048 / 4,096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN ISP, RTP, RTP/RTCP, FTP, P, SNMP
	Total Bi	it Rate ted Protocol	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RTI IPv4: TCP/IP, UDP/IP, HTTP, R' SMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image	I users / 2,048 / 4,096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN FSP, RTP, RTP/RTCP, FTP, P, SNMP transfer (When the FTP transmissi
	Total Bi Suppor	it Rate ted Protocol ent	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RTI IPv4: TCP/IP, UDP/IP, HTTP, SMTP, DHCP, DNS, DNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD	I users /2,048 / 4,096 / 8,192 kbps / Unlimit >, FTP, SMTP, DNS, NTP, SNN ISP, RTP, RTP/RTCP, FTP, P, SNMP transfer (When the FTP transmissi HC/SD memory card is available
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	Total Bi Suppor	it Rate ted Protocol ent	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RTI IPv4: TCP/IP, UDP/IP, HTTP, SMTP, DHCP, DNS, DNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD	I users /2,048 / 4,096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN ISP, RTP, RTP/RTCP, FTP, P, SNMP transfer (When the FTP transmissi HC/SD memory card is available work conditions)
	Total Bi Suppor	it Rate ted Protocol ent imultaneous Users SD Memory	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RTI IPv4: TCP/IP, UDP/IP, HTTP, RTI SMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on nei	I users /2,048 / 4,096 / 8,192 kbps / Unlimit /2,048 / 4,096 / 8,192 kbps / Unlimit /2,048 / 4,096 / 8,192 kbps / Unlimit /3,049 / 4,096 / 8,192 kbps / 4,096
	Total Bi Suppor	it Rate ted Protocol ent imultaneous Users SD Memory	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RTI Prv4: TCP/IP, UDP/IP, HTTP, RTI SMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on net Alarm REC / Backup upon netword Compatible SD (SDHC) card: Pa	I users 12 048 / 4.096 / 8,192 kbps / Unlimit 2,048 / 4.096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN PSP, RTP, RTP/RTCP, FTP, P, SNMP transfer (When the FTP transmissi HC/SD memory card is available work conditions) t failure / Manual REC (JPEG on pasonic 256 MB, 512 MB, 1 G
Alarm	Total Bi Suppor FTP Clin No. of Si SDHC/S Card (C	it Rate ted Protocol ent imultaneous Users SD Memory Option)	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RTI IPv4: TCP/IP, UDP/IP, HTTP, RTI IPv4: TCP/IP, UDP/IP, HTTP, SDMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on net Alarm REC / Backup upon networl Compatible SD (SDHC) card: Pa 2 GB, 4 GB*, 8 GB*, 16 GB*, 32	I users /2,048 / 4,096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN P, FTP, RTP/RTCP, FTP, P, SNMP transfer (When the FTP transmissi HC/SD memory card is available work conditions) (railure / Manual REC (JPEG on nasonic 256 MB, 512 MB, 1 G GB* model * SDHC card
Alarm	Total Bi Suppor	it Rate ted Protocol ent imultaneous Users SD Memory option) Source	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPV6: TCP/IP, UDP/IP, HTTP, RT IPV4: TCP/IP, UDP/IP, LT IPV4: TCP/IP, L	I users /2,048 / 4,096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN FSP, RTP, RTP/RTCP, FTP, P, SNMP transfer (When the FTP transmissi HC/SD memory card is available twork conditions) of failure / Manual REC (JPEG on assonic 256 MB, 512 MB, 1 G GB* model * SDHC card n, Camera site alarm, Video loss ala
Alarm	Total Bi Suppor FTP Cli No. of Si SDHC/S Card (C	it Rate ted Protocol ent imultaneous Users SD Memory option) Source	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPV6: TCP/IP, UDP/IP, HTTP, RTI IPV4: TCP/IP, UDP/IP, HTTP, RTI SMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on net Alarm REC / Backup upon netword Compatible SD (SDHC) card: Pa 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 3 terminal input, VMD, Command alarn SDHC/SD memory recording, E-ma	I users 12,048 / 4,096 / 8,192 kbps / Unlimit 2,048 / 4,096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN PSP, RTP, RTP/RTCP, FTP, P, SNMP transfer (When the FTP transmissi HC/SD memory card is available twork conditions) (failure / Manual REC (JPEG on nassonic 256 MB, 512 MB, 1 G GB* model * SDHC card n, Camera site alarm, Video loss ala I notification, Alarm terminal outp
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Input/	Total Bi Suppor FTP Cli No. of Si SDHC/S Card (Ci Alarm Si Alarm A	it Rate ted Protocol ent imultaneous Users SD Memory option) Source Action	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RTI Prv4: TCP/IP, UDP/IP, HTTP, RTI Prv4: TCP/IP, UDP/IP, HTTP, RTI SMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on net Alarm REC / Backup upon networl Compatible SD (SDHC) card: Pa 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 3 terminal input, VMD, Command alar SDHC/SD memory recording, E-ma Indication on browser, FTP image tr. With SDHC/SD memory card: 5,000 logs, Terminal 1: Alarm input, Terminal 3: Alarm input/Alarm of 1x RS-485 (RJ-11, 4 wire / 2 wii	I users I users I users I 2048 / 4.096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN ISP, RTP, RTP/RTCP, FTP, SNMP Transfer (When the FTP transmissis HC/SD memory card is available. work conditions) I failure / Manual REC (JPEG on nasonic 256 MB, 512 MB, 1 Gl GB* model * SDHC card n, Camera site alarm, Video loss ala I notification, Alarm terminal outp ansfer, TCP alarm notification outp without SDHC/SD memory card: 1,000 k al 2: Alarm input/Alarm output utput/AUX output re, Full/Half duplex.
Alarm Input/ Output	Total Bi Suppor No. of S SDHC/S Card (C Alarm S Alarm A Termina	it Rate ted Protocol ent ent imultaneous Users SD Memory pption) Source Action Log al	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPV6: TCP/IP, UDP/IP, HTTP, RTI IPV4: TCP/IP, UDP/IP, HTTP, RTI IPV4: TCP/IP, UDP/IP, HTTP, RTI SMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on nel Alarm REC / Backup upon networl Compatible SD (SDHC) card: Pa 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 3 terminal input, VMD, Command alarn SDHC/SD memory recording, E-ma Indication on browser, FTP image tra With SDHC/SD memory card: 5,000 logs, V Terminal 1: Alarm input, Terminal 1: Alarm input, Alarm o 1x RS-485 (RJ-11, 4 wire / 2 wii Open command conversion table for	I users I users I 2048 / 4.096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN ISP, RTP, RTP/RTCP, FTP, SNMP Itransfer (When the FTP transmissi HC/SD memory card is available, work conditions) I failure / Manual REC (JPEG on nasonic 256 MB, 512 MB, 1 Gi GB* model * SDHC card In continuous allowing and the card In continuous allowing and the county without SDHC/SD memory card: 1,000 ka al 2: Alarm input/Alarm output utput/AUX output re, Full/Half duplex. r other manufacturers' PTZ came
Input/	Total Bi Suppor No. of S SDHC/S Card (C Alarm S Alarm A Termina	it Rate ted Protocol ent imultaneous Users SD Memory option) Source Action	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RTI Prv4: TCP/IP, UDP/IP, HTTP, RTI Prv4: TCP/IP, UDP/IP, HTTP, RTI SMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on net Alarm REC / Backup upon networl Compatible SD (SDHC) card: Pa 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 3 terminal input, VMD, Command alar SDHC/SD memory recording, E-ma Indication on browser, FTP image tr. With SDHC/SD memory card: 5,000 logs, Terminal 1: Alarm input, Terminal 3: Alarm input/Alarm of 1x RS-485 (RJ-11, 4 wire / 2 wii	I users I users I 2048 / 4.096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN ISP, RTP, RTP/RTCP, FTP, SNMP I transfer (When the FTP transmissi HC/SD memory card is available work conditions) I failure / Manual REC (JPEG on nasonic 256 MB, 512 MB, 1 G GB* model * SDHC card n, Camera site alarm, Video loss ala I notification, Alarm terminal outp ansfer, TCP alarm notification outp without SDHC/SD memory card: 1,000 la 1al 2: Alarm input/Alarm outpur utput/AUX output re, Full/Half duplex. r other manufacturers' PTZ came
Input/ Output	Total Bi Suppor No. of S SDHC/S Card (C Alarm S Alarm A Termina	it Rate ted Protocol ent ent imultaneous Users SD Memory pption) Source Action Log al	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPV6: TCP/IP, UDP/IP, HTTP, RTI IPV4: TCP/IP, UDP/IP, HTTP, RTI IPV4: TCP/IP, UDP/IP, HTTP, RTI SMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on nel Alarm REC / Backup upon networl Compatible SD (SDHC) card: Pa 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 3 terminal input, VMD, Command alarn SDHC/SD memory recording, E-ma Indication on browser, FTP image tra With SDHC/SD memory card: 5,000 logs, V Terminal 1: Alarm input, Terminal 1: Alarm input, Alarm o 1x RS-485 (RJ-11, 4 wire / 2 wii Open command conversion table for	I users I users I 2,048 / 4,096 / 8,192 kbps / Unlimit P, TFP, SMTP, DNS, NTP, SNN PSP, RTP, RTP/RTCP, FTP, P, SNMP I transfer (When the FTP transmissi HC/SD memory card is available work conditions) I failure / Manual REC (JPEG on masonic 256 MB, 512 MB, 1 G GB* model * SDHC card n, Camera site alarm, Video loss ala I notification, Alarm terminal outp ustration SDHC/SD memory card: 1,000 la 12: Alarm input/Alarm output utput/AUX output r other manufacturers' PTZ came CE (EN55022, ClassB,
Input/ Output	Total Bi Suppor No. of S SDHC/S Card (C Alarm S Alarm A Termina	it Rate ted Protocol ent ent imultaneous Users SD Memory pption) Source Action Log al	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPV6: TCP/IP, UDP/IP, HTTP, RI IPV4: TCP/IP, UDP/IP, HTTP, RI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on net Alarm REC / Backup upon networl Compatible SD (SDHC) card: Pa 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 3 terminal input, VMD, Command alar SDHC/SD memory recording, E-ma Indication on browser, FTP image tra With SDHC/SD memory card: 5,000 logs. Terminal 1: Alarm input, Termin Terminal 3: Alarm input/Alarm o 1x RS-485 (RJ-11, 4 wire / 2 UE (UL60065), FCC (Part15 ClassA), C-UL (CAN/CSA C22.2 No.60065),	I users I users I 2,048 / 4,096 / 8,192 kbps / Unlimit P, TFP, SMTP, DNS, NTP, SNN PSP, RTP, RTP/RTCP, FTP, P, SNMP I transfer (When the FTP transmissi HC/SD memory card is available work conditions) I failure / Manual REC (JPEG on masonic 256 MB, 512 MB, 1 G GB* model * SDHC card n, Camera site alarm, Video loss ala I notification, Alarm terminal outp ustration SDHC/SD memory card: 1,000 la 12: Alarm input/Alarm output utput/AUX output r other manufacturers' PTZ came CE (EN55022, ClassB,
Input/ Output	Total Bi Suppor No. of Si SDHC/Si Card (Ci Alarm Si Alarm Ai Termina RS-485	it Rate ted Protocol ent ent imultaneous Users SD Memory pption) Source Action Log al	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPV6: TCP/IP, UDP/IP, HTTP, RTI PV4: TCP/IP, UDP/IP, HTTP, RTI PV4: TCP/IP, UDP/IP, HTTP, RTI SMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on net Alarm REC / Backup upon networl Compatible SD (SDHC) card: Pa 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 3 terminal input, VMD, Command alar SDHC/SD memory recording, E-ma Indication on browser, FTP image tr With SDHC/SD memory card: 5,000 logs, I Terminal 1: Alarm input, Terminal Terminal 3: Alarm input, Alarm Terminal 3: Alarm input, Alarm Upen command conversion table fo UL (UL60065), FCC (Part15 ClassA), CUL (CAN/CSA C22.2 No.60065), DOC (ICES003 ClassA)	I users I users I 2,048 / 4,096 / 8,192 kbps / Unlimit P, TFP, SMTP, DNS, NTP, SNN PSP, RTP, RTP/RTCP, FTP, P, SNMP I transfer (When the FTP transmissi HC/SD memory card is available work conditions) I failure / Manual REC (JPEG on masonic 256 MB, 512 MB, 1 G GB* model * SDHC card n, Camera site alarm, Video loss ala I notification, Alarm terminal outp ustration SDHC/SD memory card: 1,000 la 12: Alarm input/Alarm output utput/AUX output r other manufacturers' PTZ came CE (EN55022, ClassB,
Input/ Output	Total Bi Suppor FTP Cli No. of Si SDHC/S Card (Ci Alarm Si Alarm Ai Termina RS-485	it Rate ted Protocol ent ent imultaneous Users SD Memory pption) Source Action .og al Port EMC Standard Source and	64/128/256/384/512/768/1,024 IPV6: TCP/IP, UDP/IP, HTTP, RTI IPV4: TCP/IP, UDP/IP, HTTP, RTI IPV4: TCP/IP, UDP/IP, HTTP, RTI SMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on nel Alarm REC / Backup upon networl Compatible SD (SDHC) card: Pa 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 3 terminal input, VMD, Command SDHC/SD memory recording, E-ma Indication on browser, FTP image tra With SDHC/SD memory card: 5,000 logs, N Terminal 1: Alarm input, Terminal 1: Alarm input, Termina 1: RS-485 (RJ-11, 4 wire / 2 wir Open command conversion table fo UL (UL60065), FCC (Part15 ClassA), C-UL (CAN/CSA C22.2 No.60065), DOC (ICES003 ClassA) 12 V DC: 500 mA,	I users I users I users I 2048 / 4,096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN ISP, RTP, RTP/RTCP, FTP, S, SNMP I transfer (When the FTP transmissi HC/SD memory card is available work conditions) I failure / Manual REC (JPEG on nasonic 256 MB, 512 MB, 1 G GB* model * SDHC card n, camera site alarm, Video loss ala I notification, Alarm terminal outp ansfer, TCP alarm notification outp without SDHC/SD memory card: 1,000 I/a al 2: Alarm input/Alarm output utput/AUX output re, Full/Half duplex. r other manufacturers' PTZ came CE (EN55022, ClassB, EN55024)
Input/ Output	Total Bi Suppor	it Rate ted Protocol ent ent imultaneous Users SD Memory potion) source action og al Port EMC Standard Source and Consumption	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPV6: TCP/IP, UDP/IP, HTTP, RT IPV4: TCP/IP, UDP/IP, HTTP, RT IPV4: TCP/IP, UDP/IP, HTTP, RT SMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on net Alarm REC / Backup upon networl Compatible SD (SDHC) card: Pa 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 3 terminal input, VMD, Command alar BHC/SD memory recording, E-ma Indication on browser, FTP image tr With SDHC/SD memory card: 5,000 logs, 1 Terminal 1: Alarm input, Termin Terminal 1: Alarm input, Termin Terminal 3: Alarm input, Termin Terminal 3: Alarm input, Termin Terminal 3: Alarm input, Termin Ux RS-485 (RJ-11, 4 wire / 2 wi Open command conversion table fo UL (UL60065), FCC (Part15 ClassA), C-UL (CAN/CSA C22.2 No.60065), DOC (ICES003 ClassA) 12 V DC: 500 mA, PoE (IEEE802.3af): 6 W (Class C	I users I users I users I 2048 / 4,096 / 8,192 kbps / Unlimit P, TP, SMTP, DNS, NTP, SNN PSP, RTP, RTP/RTCP, FTP, P, SNMP I transfer (When the FTP transmissi HC/SD memory card is available work conditions) I failure / Manual REC (JPEG on masonic 256 MB, 512 MB, 1 G GB* model * SDHC card n, Camera site alarm, Video loss ala I notification, Alarm terminal outp ansfer, TCP alarm notification outp without SDHC/SD memory card: 1,000 la 12: Alarm input/Alarm output utput/AUX output re, Full/Half duplex. rother manufacturers' PTZ came CE (EN55022, ClassB, EN55024) I device)
Input/ Output	Total Bi Suppor	it Rate ted Protocol ent ent imultaneous Users SD Memory option) Source Action .og al i Port EMC Standard Source and Consumption Operating Temperature	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RT IPv4: TCP/IP, UDP/IP, LTP, IPv4: TCP/IP, IP	I users I users I 2,048 / 4,096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN PSP, RTP, RTP/RTCP, FTP, SNMP transfer (When the FTP transmiss) HC/SD memory card is available twork conditions) (a failure / Manual REC (JPEG on nasonic 256 MB, 512 MB, 1 G GB* model * SDHC card n, Camera site alarm, Video loss ala I notification, Alarm terminal outp nsfer, TCP alarm notification outp vithout SDHC/SD memory card: 1,000 i al 2: Alarm input/Alarm output utput/AUX output re, Full/Half duplex. r other manufacturers' PTZ came CE (EN55022, ClassB, EN55024) device)
Input/ Output	Total Bis Support FTP Cli No. of Si SDHC/2/ Card (C Alarm Si Alarm A RS-4858 Safety/I Power 3 Ambient (Ambient Ambient	it Rate ted Protocol ent imultaneous Users SD Memory Option) Source Action .og al i Port EMC Standard Source and Consumption Operating Temperature Operating Humidity	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPV6: TCP/IP, UDP/IP, HTTP, RTI Pv4: TCP/IP, UDP/IP, HTTP, RTI Pv4: TCP/IP, UDP/IP, HTTP, RTI SMTP, DHCP, DNS, DDNS, NTI Periodic image transfer, Alarm image is failed, backup on an optional SD Up to 14 users (Depends on net Alarm REC / Backup upon networl Compatible SD (SDHC) card: Pa 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 3 terminal input, VMD, Command alar SDHC/SD memory recording, E-ma Indication on browser, FTP image tr With SDHC/SD memory card: 5,000 logs, 1 Terminal 1: Alarm input, Terminal Terminal 3: Alarm input, Alarm Terminal 3: Alarm input, Alarm Upen command conversion table fo UL (UL60065), FCC (Part15 ClassA), C-UL (CAN/CSA C22.2 No.60065), DOC (ICES003 ClassA) 12 V DC: 500 mA, Po C (ICES03.34): 6 W (Class C) -10 °C ~ +50 °C (14 °F ~ 122 °F 90 % or less (without condensa	I users I users I users I 2048 / 4.096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN ISP, RTP, RTP/RTCP, FTP, P, SNMP I transfer (When the FTP transmissi HC/SD memory card is available twork conditions) I failure / Manual REC (JPEG on nasonic 256 MB, 512 MB, 1 G GB* model * SDHC card n, Camera site alarm, Video loss ala I notification, Alarm terminal outp ansfer, TCP alarm notification outp without SDHC/SD memory card: 1,000 / a 12: Alarm input/Alarm output utput/AUX output re, Full/Half duplex. rother manufacturers' PTZ came CE (EN55022, ClassB, EN55024) I device)) tion)
Input/ Output	Total Bi Suppor	it Rate ted Protocol ent imultaneous Users SD Memory Option) Source Action .og al i Port EMC Standard Source and Consumption Operating Temperature Operating Humidity	64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RT IPv4: TCP/IP, UDP/IP, LTP, IPv4: TCP/IP, IP	I users I users I users I 2048 / 4.096 / 8,192 kbps / Unlimit P, FTP, SMTP, DNS, NTP, SNN PSP, RTP, SMTP, DNS, NTP, SNN PSP, RTP, RTP/RTCP, FTP, P, SNMP I transfer (When the FTP transmissi HC/SD memory card is available work conditions) I failure / Manual REC (JPEG on nasonic 256 MB, 512 MB, 1 G GB* model * SDHC card n, Camera site alarm, Video loss ala I notification, Alarm terminal outp ansfer, TCP alarm notification outp without SDHC/SD memory card: 1,000 / a al 2: Alarm input/Alarm output utput/AUX output re, Full/Half duplex. r other manufacturers' PTZ came CE (EN55022, ClassB, EN55024) I device)) tion) int (D) (5-1/2" x 1-3/4" x 7-9/32"

* H.264 and MPEG-4 are alternative.

Part Names and Functions



Appearance



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