

Pan-tilt Wireless Network Camera **BL-VT164W Pan-tilt Network Camera BL-VT164**



HD / 1,280 x 720 Pan-tilt Wireless Network Camera (BL-VT164W) HD / 1,280 x 720 Pan-tilt Network Camera (BL-VT164)

Key Features

- 720p HD images up to 30 fps
- 1.0 Megapixel high sensitivity CMOS Sensor
- Multiple H.264 (High profile) streams and JPEG streams ensure simultaneous real time monitoring and high resolution recording by "UniPhier®", Panasonic's proprietary System LSI platform.
- Full frame (Up to 30 fps) transmission at 1,280 x 720 image size
- High sensitivity with Day & Night (Electrical) function: 0.9 lx (Color), 0.6 lx (B/W) at F2.8
- Digital Noise Reduction: 3D-DNR ensures noise reduction in various conditions.
- · Progressive scan ensures clear images with less motion blur and no tearing even when the subject is moving.
- · Electronic sensitivity enhancement: Auto (Up to 16x) / OFF
- Selectable light control modes: Indoor scene (50 Hz) / Indoor scene (60 Hz) / ELC (maximum exposure time) Indoor scene (50 Hz/60Hz): Flicker caused by fluorescent lightning will be automatically compensated. ELC (maximum exposure time): The lightning control will be automatically performed by adjusting shutter speed in the range of ELC.
- 1.5x extra zoom under VGA resolution
- 8x digital zoom controlled by browser
- VMD (Video Motion Detection) with 4 programmable detection areas, 15 steps sensitivity level and 10 steps detection size
- Face detection function detects the position of human face and the information is sent by XML or video stream.
- Privacy Zone can mask up to 2 private areas, such as house windows and entrances/exits.
- · Camera title display: Up to 20 alphanumeric characters on the browser
- · Alarm sources including VMD and Panasonic alarm command can trigger actions such as FTP image transfer, E-mail notification, Indication on browser, and Panasonic alarm protocol output.
- JPEG Image compression ratio can be changed by alarm so that higher quality image can be provided.
- Prioritized stream control: One of the video streams can be prioritized when multiple recorders or client PCs are accessing the camera so that the recorder or the client PC can maintain the frame rate.
- H.264 max, bit rate/client and Total bit rate control allows flexible network traffic management. Frame rate priority mode controls bit rate and compression ratio to provide the specified frame rate.
- Internet mode: H.264 images can be transmitted over HTTP protocol.

- Multi-language: English / Italian / French / German / Spanish / 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
- · Low profile design for discrete installation
- · Pan/tilt and Preset Map Shot function realizes wide range monitoring..(Horizontal angle:139° Vertical angle 76°)
- Easy installation: Easy to adjust directions.
- Interactive communication with audio: By using the audio output connector and the microphone in connector, receiving audio from the cameras on a PC and transmitting audio from the PC to the cameras is available.
- Smartphone monitoring : Direct camera control from smartphone
- Wireless LAN function (IEEE802.11 n/b/g) : Camera images can be monitored over a wireless router.(BL-VT164W)
- WPS (Wi-Fi Protected Setup) function : WPS enables the camera to automatically obtain the connection configuration information and the security configuration information of the wireless router. WPS can be configured by pressing the WIRELESS button (WPS indicator) (PBC method) or entering an 8 digit pin code (Pin code method).(BL-VT164W)
- Built-in Body Heat Sensor (Pyroelectric infrared sensor)
- PC software recording (BB-HNP17: Network Camera Recorder with Viewer Software)

Standard Accessories

- AC Adaptor
- Safety Wire ... · Configure the settings of the camera
- Installation Guide 1 pc.
 CD-ROM¹¹ 1 pc.
-1 pc. *1 The CD-ROM contains the operating instructions and different kinds of tool software programs.
- ..1 pc

Specifications

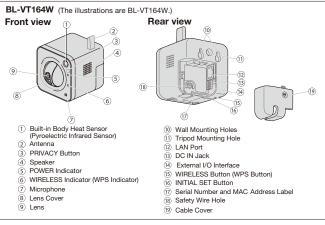
Camera	Image Sense	or	BL-VT164W 1/4 type CMOS Sensor	BL-VT164
	Image Sensor Effective Pixels		1/4 type CMOS Sensor Approx. 1 megapixels	
	Effective Pixels Scanning Mode		Progressive	
	Scanning Area		3.89 mm (H) x 2.43 mm (V) {5/32 inches (H) × 3/32 inches (V)}	
	Minimum Illumination		Color: 0.9 lx (F2.8, Auto slow shu	tter: Off (1/30s), Gain:On(High))
			Color: 0.06 lx (F2.8, Auto slow shutter: Max. 16/30s, Gain:On(High)) ⁻¹ BW: 0.6 lx (F2.8, Auto slow shutter: Off (1/30s), Gain:On(High))	
			BW: 0.04 lx (F2.8, Auto slow shutter: Off (16/30s), Gain:On(High)) ⁻¹	
	White Balance		AWC (2,000 ~ 10,000 K), ATW1 (2,700 ~ 6,000 K), ATW2 (2,000 ~ 6,000 K)	
	Light Control Mode		Indoor scene (50 Hz / 60 Hz) / ELC	
	Shutter Speed		ELC (1/30 s), ELC (3/100 s), ELC (3/120 s), ELC (2/100 s), ELC (2/120 s), ELC (1/100 s), ELC (1/20 s), ELC (1/250 s), ELC (1/500 s), ELC (1/1,000 s)	
			ELC (1/2,000 s), ELC (1/4,000 s), ELC (1/10,000 s)	
	Adaptive Black Stretch		ON / OFF	
	AGC		ON (HIGH) / ON (MID) / ON (LOW) / OFF	
	Electronic Sensitivity UP		OFF (1/30 s), Max. 2/30 s, Max. 4/30 s, Max. 6/30 s, Max. 10/30 s, Max. 16/30 s	
	Day & Night (electrical)		OFF / AUTO	
	Digital Noise Reduction		HIGH / LOW	
	Video Motion Detection		ON / OFF (available at each preset)	
	Privacy Zone		ON / OFF (up to 2 zones available)	
Lens	Camera Title (OSD)		Up to 20 characters (alphanumeric	characters, marks), On/Off
Lens	Focal Length		3.6 mm Extra zoom: 1.5x (at VGA resolution)	
	Zoom Ratio		Extra zoom: 1.5x (at VGA resolution) Horizontal: 57 °, Vertical: 34 °	
-	Angular Field of View			
	Maximum Aperture Ratio		1:2.8 0.4 m ~ ∞	
Don and Tilt	Focusing Range		U.4 m ~ ∞ -41°- +41°	
	Panning Range		-41°-+41° Manual: Approx: 0.5 °/c - 50 °/c Precet: Up to approx: 50 °/c	
-	Panning Speed		Manual: Approx. 0.5 °/s - 50 °/s, Preset: Up to approx. 50 °/s	
	Tilting Range		-32° to +10°	
ł	Tilting Speed Number of Preset Positions		Manual: Approx. 0.5 °/s - 50 °/s, Preset: Up to approx. 50 °/s 64	
			64 ON / OFF	
	PTZ Position Display		10 s/ 20 s/ 30 s/ 1 min/ 2 min/ 3 min/ 5	min/ 10 min/ 20 min/ 30 min/ 60 min
	Self Return Map Shot			1111 20 11111/ 30 11111/ 60 MIN
Wireless	Map Shot Antena		Preset map-shot 1x1 (Diversity)	
(BL-VT164W /	Transmission	method	SISO (Single Input/ Single Output) -OFDM. OFDM.DSSS	
BL-VT164WE /	Frequency ra		BL-VT164W: 2.412 GHz - 2.462 GHz (1 - 11ch)	
BL-VT164WE / BL-VT164WU			BL-VT164WE: 2.412 GHz - 2.462 GHz (1 - 11ch) BL-VT164WE: 2.412 GHz - 2.472 GHz (1 - 13ch)	_
	(center frequency) / Channel		BL-VT164WU: 2.412 GHz - 2.472 GHz (1 - 13ch) BL-VT164WU: 2.412 GHz - 2.472 GHz (1 - 13ch)	
only)	Data transfer rate: "2		IEEE802.11rr 6.5-72.2 Mbps IEEE802.11gr 6-54 Mbps	
	Data transfer rate: -		IEEE802.11b: 1 - 11 Mbps	—
	Access method		Infrastructure mode	_
-	Authentication method		Open System	_
	Security: "3		WPA/WPA2-PSK (TKIP/AES) WEP (64 bit/128 bit)	_
-	WPS		PBC method (push button method),	
			PIN method (PIN code method)	—
Browser GUI	Camera Control		Brightness, AUX ON / OFF	
2.0100. 00.	Display Mode		Spot, Quad: Image from 16 cameras	can be displayed in 4 different Qua
	Biopiay mode		screens or 16 split screen (JPEG only). 20 characters camera title available	
	Zoom		extra zoom(1x-1.5x) and the electronic zoom (higher zoom factors, up to 12x).	
	Camera Title		Up to 20 alphanumeric characters	
	Clock Display		Time: 12H/24H, Date: 5 formats on th	
	Alarm Control		Reset	
	One Shot Capture		A still picture will be displayed on a newly opened window.	
	Audio		Mic Input: ON / OFF Volume adjustment: Low / Middle / High,	
	Audio		Audio Output: ON / OFF Volume adjustment: Low / Middle / High,	
	GUI/Setup Menu Language		English, Japanese, Italian, French, German, Spanish, Chinese, Russian	
	System Log		Up to 100 (Internal), error logs	
	Supported OS 14 15		Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® XP SP	
i	Supported Browser		Windows® Internet Explorer® 9.0 (32 bit), \	
			Windows® Internet Explorer® 7.0 (32 bit), 1	
Network	Network IF		10Base-T / 100Base-TX, RJ-45 c	onnector (female)
		Aspect ratio: [4 : 3]	H.264: SVGA(800 x 600) / VGA (640 x 4	80) / QVGA (320 x 240), up to 30 fps
				I80) / QVGA (320 x 240), up to 30 fps
		Aspect ratio: [16 : 9]	H.264: 1,280 x 720 / 640 x 360 / 320	
		Aspect ratio: [16 : 9]	H.264: 1,280 x 720 / 640 x 360 / 320	x 180, up to 30 fps
	H.264			x 180, up to 30 fps x 180, up to 30 fps
	H.264	Transmission Mode Frame Rate	H.264: 1,280 x 720 / 640 x 360 / 320 JPEG: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3	x 180, up to 30 fps x 180, up to 30 fps est effort 30 fps
	H.264	Transmission Mode	H.264: 1,280 x 720 / 640 x 360 / 320 JPEG: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 64 / 128 / 256 / 384 / 512 / 768 /	x 180, up to 30 fps x 180, up to 30 fps est effort 30 fps
	H.264	Transmission Mode Frame Rate	H.264: 1,280 x 720 / 640 x 360 / 320 JPEG: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3	x 180, up to 30 fps x 180, up to 30 fps est effort 30 fps
	H.264	Transmission Mode Frame Rate Bit Rate/Client	H.264: 1,280 x 720 / 640 x 360 / 320 JPEG: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 64 / 128 / 256 / 384 / 512 / 768 /	x 180, up to 30 fps x 180, up to 30 fps est effort 30 fps
	H.264	Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval	H.264: 1,280 x 720 / 640 x 360 / 320 JPEG: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 7 6 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps	x 180, up to 30 fps x 180, up to 30 fps est effort 30 fps
		Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type	H.264: 1,280 x 720 / 640 x 360 / 320 JPEG: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1/3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST	x 180, up to 30 fps x 180, up to 30 fps est effort 30 fps
	H.264 JPEG	Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval	H.264: 1,280 × 720 / 640 × 360 / 320 JPEG: 1,280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 (ps – 30 fps UNICAST / MULTCAST 10 steps	x 180, up to 30 fps x 180, up to 30 fps est effort 30 fps
		Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type	H 264: 1,280 x 720 / 640 x 360 / 320 JPEG: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 2 64 / 128 / 256 / 384 / 512 / 768 / LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps	x 180, up to 30 fps x 180, up to 30 fps est effort 30 fps
	JPEG	Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type	H 284: 1,280 x 720 / 640 x 360 / 320 JPEG: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 64 / 128 / 256 / 384 / 512 / 768 / 4 ,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH	1x 180, up to 30 fps x 180, up to 30 fps st effort 30 fps 1,024 / 1,536 / 2,048 / 3,072 /
		Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type	H 264: 1,280 x 720 / 640 x 360 / 320 JPEG: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 2 64 / 128 / 256 / 384 / 512 / 768 / LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps	1x 180, up to 30 fps x 180, up to 30 fps st effort 30 fps 1,024 / 1,536 / 2,048 / 3,072 /
	JPEG Audio Comp Audio Mode	Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type ression	H 264: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 2 64 / 128 / 256 / 384 / 512 / 768 / 4.096 / 6,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv	1x 180, up to 30 fps x 180, up to 30 fps st effort 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex / Interactive (Full duplex
	JPEG Audio Comp Audio Mode Authenticatio	Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type ression n for Audio	H.264: 1,280 × 720 / 640 × 360 / 320 JPEG: 1,280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 2 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us	 x 180, up to 30 fps x 180, up to 30 fps set effort 30 fps 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex / Interactive (Full duplex ers)
	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate	Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type ression n for Audio	H .264 : 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 2 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH 6.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us 64 / 128 / 256 / 384 / 512 / 768 / 1024/	1x 180, up to 30 fps x 180, up to 30 fps st effort 30 fps 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex) / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unlimited
	JPEG Audio Comp Audio Mode Authenticatio	Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type ression n for Audio	H 264 : 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / Allus 64 / 128 / 256 / 384 / 512 / 766 / ,024 / 10.67 F. (Mic Input / Audio output / Interactiv Level 1 only / Level 2 higher / Allus 64 / 128 / 256 / 384 / 512 / 766 / ,024 / 10 steps	1x 180, up to 30 fps x 180, up to 30 fps st effort 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex) / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unlimited P,0K3 // SWM, DHC/F6, MLD, CMP, AFR
	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate	Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type ression n for Audio	H.264: 1.280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 64 / 128 / 256 / 384 / 512 / 768 / 4.096 / 8, 192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH 6.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us 64 / 128 / 256 / 384 / 512 / 768 / 1024 1 Pek TCPIP, UDPIP, HTTP, HTTPS, RTP, FTP, SM	 x 180, up to 30 fps x 180, up to 30 fps st effort 30 fps 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex) / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unlimited P, NIS, NIP, SWIP, DICR-6, MLD, CIW, ABF, RTP/RTCP-T, SWIP, DICR-6, MLD, CIW, ABF, RTP, RTP-TCP-T, SWIP, DICR-6, DICR
	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P	Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type ression n for Audio	H .264: 1.280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 2 64 / 128 / 256 / 384 / 512 / 768 / 4.096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH 6.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us 64 / 128 / 256 / 384 / 152 / 768 / 1024 / IPe, TOPIP, UDPIP, HTTP, HTTP, RTSP, RTSP, DONS, NTP, SNMP, UPAP, (GMP, CMP, ARI	Ix 180, up to 30 fps x 180, up to 30 fps st effort 30 fps 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex/ / Interactive (Full duplex eff P, DNS, NTP, SNMP, DHCPA, MLD, CMP, ARR RTP, RTP, RTP, CP, FP, SMTP, DHCP, DNS 9
	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P FTP Client	Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type ression n for Audio protocol	H.264: 1,280 × 720 / 640 × 360 / 320 JPEG: 1,280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 2 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 / fps - 30 fps UNICAST / MULTICAST UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us 64 / 128 / 256 / 384 / 512 / 768 / 1024 / IPed: TOPI/ UDP/R HTT, HTTRS, RTSP, DNS, NTP, SNMP, UP-P, (SMP, ICMP, AMP	x 180, up to 30 fps x 180, up to 30 fps st effort 30 fps (1,024 / 1,536 / 2,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / 0,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / 0,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048
	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P FTP Client No. of Simultz	Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type ression n for Audio Protocol ineous Users	H.264: 1.280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 6 / 128 / 256 / 384 / 512 / 768 / 4.096 / 8.192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 0.1 fps - 30 fps UNICAST / MULTICAST 0.1 fps - 30 fps 0.1 fps - 30 fp	x 180, up to 30 fps x 180, up to 30 fps st effort 30 fps (1,024 / 1,536 / 2,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / 0,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / 0,048 / 3,072 / (1,024 / 1,026 / 3,192 / 0,048 / 3,072 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048 / 0,048
	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P FTP Client No. of Simulta Face Detecti	Transmission Model Transmission Model Bit Rate/Client Image Quality Refresh Interval Transmission Type Refresh Interval T	H 264: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / / 4 ,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us 64 / 128 / 256 / 344 / 152 / 786 / 1024 / IPA: TOPIP, UDP/P, HTP, HTPS, RTP, FM, MIRW, LOP/P, UDP/P, HTP, HTPS, RTP, FM, Alarm image transmission, FTP p Up to 14 users (Depends on netw ON / OFF (with XML notification)	 x 180, up to 30 fps x 180, up to 30 fps st effort 30 fps 1,024 / 1,536 / 2,048 / 3,072 / s, G.711 64 kbps e (Half duplex/ / Interactive (Full duplex errs 2,048 / 4,096 / 8,192 kbps / Unlimited P, DNS, NTP, SNMP, DHCP-6, MLD, ICMP, APR RTP, RTPRITCP-FTP, SMTP, DHCP, DNS o errodicic transmission rork conditions)
	JPEG Audio Comp Aution Mode Authenticatio Total Bit Rate Supported P FTP Client No. of Simulta Face Detecti Cellular Phone I	Transision Mode Transe Nate Bit Rate/Client Image Quality Refresh Interval Transmison Type ression n for Audio protocol ineous Users on compatibility	H.264: 1,280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 64 / 128 / 256 / 384 / 512 / 768 / 4.096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH 6.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us 64 / 128 / 256 / 384 / 512 / 768 / 1024 / He4: TCP/IR, UDP/IR, HTTP, RTP, RTP, SMP, DDNS, NTP, SNMP, UPAP, IGMP, CMP, FTP, MITS, RTP, DDNS, NTP, SNMP, UPAP, IGMP, CMP, CMP, CMP, CMP, CMP, CMP, CMP, C	x 180, up to 30 fps x 180, up to 30 fps st effort 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps ef Half duplek / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unlimited P, NIS, NP, SNMP, DHCP6, MLD, ICMP, APR THP, RTP/RTCP.FTP, SMTP, DHCP, DNS p eriodic transmission ork conditions) / control, AUX control (by access level)
	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P FTP Client No. of Simulti Face Detecti Cellular Phone (Mobile Termina)	Transission Model Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmision Type ression In for Audio Protocol Incous Users on Compatibility Compatibility	H 264: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 7 4 ,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps ULL / PUSH 6.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us 6 / 128 / 256 / 344 / 512 / 768 / 1024 / IPe TOPIP, UDPIP, HTTP, HTTPS, RTSP, DDKS, MTP, SNMP, UPAP, GIMP. CAMP, ARI Alarm image transmission, FTP pu 10 to 14 users (Depends on network) OFF / With XML notification) JPEG image, panning/litting/zoom/Prixago	x 180, up to 30 fps x 180, up to 30 fps st effort 30 fps 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex) / Interactive (Full duplex ers
Alarm	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported F FTP Client No. of Simulta FTP Client No. of Simulta FTP Client No. of Simulta Face Detectio Cellular Phone I Mobile Terminal Alarm Source	Transmission Mode Transmission Mode Bit Rate/Client Image Quality Refresh Interval Transmisson Type ression n for Audio rotocol meous Users on Compatibility?	H.264: 1,280 × 720 / 640 × 360 / 320 JPEG: 1,280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 (tps – 30 fps UNICAST / MULTICAST UNICAST / MULTICAST 10 steps 0.1 fps – 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us 64 / 128 / 256 / 384 / 512 / 768 / 1024 / Harm image transmission, FTP p Up to 14 users (Depends on netw ON / OFF (with XML notification) JPEG image, paning/tilting/zoom/Privac; IPad, IPhone, IPod tung / Comm	x 180, up to 30 fps st effort 30 fps st effort 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unimited pro RMTP, SWIP, BUCPA MD, CMP, AR RTP, RTP/RTCP,FTP, SMTP, DHCP, DNS s eriodic transmission fork conditions) / control, AUX control (by access level) later), Android [™] mobile terminals and alarm, Body heat sensor
Alarm	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P FTP Client No. of Simulti Face Detecti Cellular Phone (Mobile Termina)	Transmission Mode Transmission Mode Bit Rate/Client Image Quality Refresh Interval Transmisson Type ression n for Audio rotocol meous Users on Compatibility?	H 264: 1,280 x 720 / 640 x 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 7 4 ,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps ULL / PUSH 6.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us 6 / 128 / 256 / 344 / 512 / 768 / 1024 / IPe TOPIP, UDPIP, HTTP, HTTPS, RTSP, DDKS, MTP, SNMP, UPAP, GIMP. CAMP, ARI Alarm image transmission, FTP pu 10 to 14 users (Depends on network) OFF / With XML notification) JPEG image, panning/litting/zoom/Prixago	x 180, up to 30 fps st effort 30 fps st effort 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unimited pro RMTP, SWIP, BUCKA, BU, CMP, AR RTP, RTP/RTCP,FTP, SMTP, DHCP, DNS s eriodic transmission fork conditions) / control, AUX control (by access level) later), Android [™] mobile terminals and alarm, Body heat sensor
Alarm	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P FTP Client No. of Simulta Face Detecti Cellular Phone I Mobile Termina Alarm Sourc Alarm Actior	Transmission Mode Transmission Mode Bit Rate/Client Image Quality Refresh Interval Transmisson Type ression n for Audio ror tocol	H.264: 1.280 × 720 / 640 × 360 / 320 JPEG: 1.280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 7 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / Al us 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / He TOPIP, UDP/P, HTP, HTPS, RTSP, DNS, NTP, SMP, UPAP, IGMP, IGMP, AP Alarm image transmission, FTP p Up to 14 users (Depends on netw ON / OFF (with XML notification) JPEG image, paning/titing/zoom/Privag E-mail notification, Indication on br Panasonic protocol output	x 180, up to 30 fps st effort 30 fps st effort 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unimited pro RMTP, SWIP, BUCKA, BU, CMP, AR RTP, RTP/RTCP,FTP, SMTP, DHCP, DNS s eriodic transmission fork conditions) / control, AUX control (by access level) later), Android [™] mobile terminals and alarm, Body heat sensor
	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P FTP Client No. of Simulta Face Detecti Celluar Phone Alarm Source Alarm Action Schedule	Transission Mode Frame Rate Bit Rate/Client Image Quality Refersh Interval Transmission Type Refersh Interval Refersh Interva	H.264: 1,280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 4 / 128 / 256 / 384 / 512 / 768 / 4 / 086 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 0 steps 0.1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps UNICAST / MULTICAST 0 steps 0.1 fps - 30 fps 0 steps 0.1 fps - 30 fps 0 steps 0.1 fps - 10 fps 0 steps 0.1 fps - 10 fps 0 steps 0.1 fps 0.1 fps	x 180, up to 30 fps st effort 30 fps st effort 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unimited pro RMTP, SWIP, BUCKA, BU, CMP, AR RTP, RTP/RTCP,FTP, SMTP, DHCP, DNS s eriodic transmission fork conditions) / control, AUX control (by access level) later), Android [™] mobile terminals and alarm, Body heat sensor
Body heat	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P FTP Client No. of Simulti Face Detectic Celular Phone I Mobile Termina Alarm Sourc Alarm Action Schedule Sensor detect	Transissin Model Transmission Model Bit Rate/Client Image Quality Refresh Interval Transmission Type ression n for Audio a rotocol meous Users on Compatibility Compatibility Compatibility e is	H 264: 1,280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 6 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps 0.1 fps - 30 fps	x 180, up to 30 fps st effort 30 fps st effort 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unimited pro RMTP, SWIP, BUCKA, BU, CMP, AR RTP, RTP/RTCP,FTP, SMTP, DHCP, DNS s eriodic transmission fork conditions) / control, AUX control (by access level) later), Android [™] mobile terminals and alarm, Body heat sensor
Body heat	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P FTP Client No. of Simulta FTP Client No. of Simulta FTP Client Mobile Terminal Alarm Sourco Alarm Sattor Schedule Sensor detect Sensitivity sensitivity se	Transision Mote Transmission Motel Bit Rate/Client Image Quality Refresh Interval Transmission Type Perfesh Interval Transmission Type Perfesh Interval Transmission Type Perfesh Interval Transmission Type Perfesh Interval Transmission Type Perfesh Interval Perfesh Interval Perf	H.264: 1.280 × 720 / 640 × 360 / 320 JPEG: 1.280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 2 64 / 128 / 256 / 384 / 512 / 768 / 4.096 / 8.192 kbps LOW / NORMAL / FINE 1 (ps - 30 fps UNICAST / MULTICAST UNICAST / MULTICAST 0 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us 64 / 128 / 256 / 384 / 512 / 768 / 1024 / Harm image transmission, FTP p Up to 14 users (Depends on netw IPA: Torpine MTP, HTTR, BTR, STP, DNS, NTP, SNMP, UPAP, [GMP, ICMP, All 3.* Terminal inputs, VMD, Comm E-mail notification, Indication on br Panasonic protocol output VMD, Body heat sensor pyroelectric infrared sensor PM High / Normal Low / Extra low	x 180, up to 30 fps st effort 30 fps st effort 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unimited pro RM TP, SWP, DHCPA MD, CMP, AR RTP, RTP/RTCP,FTP, SMTP, DHCP, DNS s erriodic transmission fork conditions) / control, AUX control (by access level) later), Android [™] mobile terminais owser,FTP image transfer,
Alarm Body heat sensor	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P FTP Client No. of Simulti Face Detectic Celular Phone I Mobile Termina Alarm Sourc Alarm Action Schedule Sensor detect	Transision Mote Transmission Motel Bit Rate/Client Image Quality Refresh Interval Transmission Type Perfesh Interval Transmission Type Perfesh Interval Transmission Type Perfesh Interval Transmission Type Perfesh Interval Transmission Type Perfesh Interval Perfesh Interval Perf	H .264 : 1,280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 6 / 128 / 256 / 384 / 512 / 768 / 4.096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 0 steps 0.1 fps - 30 fps UNICAST / MULTICAST 0 steps 0.1 fps - 30 fps UNICAST / MULTICAST 0 steps 0.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us 64 / 128 / 256 / 384 / 512 / 768 / 1024 / 1P4: TCP/IP, UDP/P, HTTP, HTTPs, RTP, FTPS, MI Alarm image transmission, FTP p Up to 14 users (Depends on netw ON / OFF (with XML notification) JEG image, paning/liting/zom/Prixag iPad, IPhone, iPod touch (IOS 4.2.1 or 3x Terminal inputs, VMD, Comma E-mail notification, Indication on br Panasonic protocol output VMD, Body heat sensor pyroelectric infrared sensor pyroelectric infrared sensor Pyroelectric infrared sensor	x 180, up to 30 fps st effort 30 fps st effort 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unimited pro RM TP, SWP, DHCPA MD, CMP, AR RTP, RTP/RTCP,FTP, SMTP, DHCP, DNS s erriodic transmission fork conditions) / control, AUX control (by access level) later), Android [™] mobile terminais owser,FTP image transfer,
Body heat sensor	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P FTP Client No. of Simulti Face Detecti Cellular Phone I Mobile Termina Alarm Sourc Alarm Action Schedule Sensor detec Sensitivity sel Sensor detec	Transison Model Transition Model Bit Rate/Client Image Quality Refresh Interval Transission Type Refresh Interval Transission Type Refresh Interval Transission Type Refresh Interval Refresh Int	H.264: 1,280 × 720 / 640 × 360 / 320 JPEG: 1,280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 2 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Be (726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Be (726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv 44 / 128 / 256 / 384 / 512 / 768 / 1,024 / He (TOPI) UDP/R, HTT, HTTS, RTFR, PT DNS, NTP, SMRP, UPAP, IGMP, IGMP, IGMP, IGM JAram image transmission, FTP p Up to 14 users (Depends on netw DN / OFF (with XML notification) JFG image, panning/ilting/zoom/Privag iPad, iPhone, iPod touch (IGS 4.2.1 or 3x Terminal inputs, VMD, Comma E-mail notification, Indication on br Panasonic protocol output VMD, Body Inetar sensor Dyroelectric Infrared sensor Off High/ Normal / Low/ Extra Iow About 5 m (with the temperature at 2 Northan I sensor I sensor DY High/ Normal / Low/ Extra Iow About 5 m (with the temperature at 2 Northan I sensor I sensor DY High/ Normal / Low/ Extra Iow	x 180, up to 30 fps st effort 30 fps st effort 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unimited pro RM TP, SWP, DHCPA MD, CMP, AR RTP, RTP/RTCP,FTP, SMTP, DHCP, DNS s erriodic transmission fork conditions) / control, AUX control (by access level) later), Android [™] mobile terminais owser,FTP image transfer,
Body heat sensor	JPEG Audio Comp Audio Mode Authenticatio Total Bit Rate Supported P FTP Client No. of Simulta FTP Client No. of Simulta FTP Client Mobile Terminal Alarm Sourco Alarm Sattor Schedule Sensor detect Sensitivity sensitivity se	Transission Mode Transe Rate Bit Rate/Client Image Quality Refersh Inteval Transmission Type Refersh Inteval Prefersh Inteval Refersh Inteval Transmission Type resision n for Audio Pression n for Audio Protocol neous Users on Compatibility? e s tion method tings tion range Line Input	H .264 : 1,280 × 720 / 640 × 360 / 320 Constant bitrate / Frame rate / Be 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 3 6 / 128 / 256 / 384 / 512 / 768 / 4.096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 0 steps 0.1 fps - 30 fps UNICAST / MULTICAST 0 steps 0.1 fps - 30 fps UNICAST / MULTICAST 0 steps 0.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic input / Audio output / Interactiv Level 1 only / Level 2 higher / All us 64 / 128 / 256 / 384 / 512 / 768 / 1024 / 1P4: TCP/IP, UDP/P, HTTP, HTTPs, RTP, FTPS, MI Alarm image transmission, FTP p Up to 14 users (Depends on netw ON / OFF (with XML notification) JEG image, paning/liting/zom/Prixag iPad, IPhone, iPod touch (IOS 4.2.1 or 3x Terminal inputs, VMD, Comma E-mail notification, Indication on br Panasonic protocol output VMD, Body heat sensor pyroelectric infrared sensor pyroelectric infrared sensor Pyroelectric infrared sensor	x 180, up to 30 fps st effort 30 fps st effort 1,024 / 1,536 / 2,048 / 3,072 / s, G,711 64 kbps e (Half duplex / Interactive (Full duplex ers 2,048 / 4,096 / 8,192 kbps / Unimited pro RM TP, SWP, DHCPA MD, CMP, AR RTP, RTP/RTCP,FTP, SMTP, DHCP, DNS s erriodic transmission fork conditions) / control, AUX control (by access level) later), Android [™] mobile terminais owser,FTP image transfer,

		BL-VT164W	BL-VT164	
eneral		BL-VT164W:	BL-VT164:	
		<safety> UL60950-1 Ed.2, C22.2 NO.60950-1 Ed.2</safety>	<safety> UL60950-1 Ed.2, C22.2 NO.60950-1 Ed.2</safety>	
		<emc> FCC Part15 ClassB</emc>	<emc>FCC Part15 ClassB, ICES-003 ClassB</emc>	
	Safety/	<wireless> FCC Part15C</wireless>		
	EMC Standard	BL-VT164WE / BL-VT164WU:	BL-VT164E / BL-VT164U:	
		<safety>IEC60950-1 Ed.2</safety>	<safety> IEC60950-1 Ed.2</safety>	
		<emc> EN55022 ClassB, EN55024</emc>	<emc> EN55022 ClassB, EN55024</emc>	
		<wireless> EN300 328</wireless>		
		9 V DC (Use only with Panasonic AC adapter)	9 V DC (Use only with Panasonic AC adapter)	
	Power Source and	BL-VT164W: max. 4.8 W (120 V AC/ 60 Hz)	BL-VT164: max. 3.7 W (120 V AC/ 60 Hz)	
	Power Consumption	BL-VT164WE: max. 4.8 W (230 V AC/ 50 Hz)		
		BL-VT164WU: max. 4.8 W (230 V AC/ 50 Hz)	BL-VT164U: max. 3.7 W (230 V AC/ 50 Hz)	
	Ambient Operating Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)		
	Ambient Operating Humidity	Less than 90 % (no condensation)		
	Dimensions			
		inches (H) x 3-19/32 inches (D)} (excluding projection)		
	Mass (approx.)	Approx. 230 g {0.5071 lbs}	Approx. 220 g {0.485 lbs}	
	Finish	Main body: ABS resin, white		
		Dome section: Clear polycarbonate res	sin	

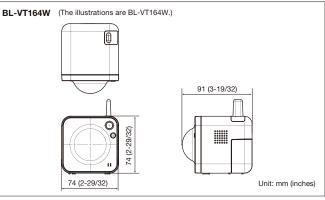
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Iome section: Clear polycarbonate resin
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 Iome section: Clear polycarbonate resin
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Part Names and Functions



Appearance



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Important

Important

Safety Precaution: carefully read the operating instructions and installation manual before using this product. - Panasonic can not be responsible for network performance and/or other manufacturer products that reside on the network.

Masses and dimensions are approximate.
Specifications are subject to change without notice.
These products may be subject to export control regulations.



http://panasonic.net/security/ Printed in Japan (2A-091AA)

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