

Network Camera



SVGA/800 x 600 H.264 Network Camera

Key Features

- Super high resolution at SVGA/800 x 600 created by newly developed 1.3 Megapixel high sensitivity MOS 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 SVGA/800 x 600 image size
- Wide Dynamic Range and ABS (Adaptive Black Stretch) technologies deliver wider dynamic range compared with conventional cameras.
- Face Wide Dynamic Range technology ensures clear face image.
- H.264 and MPEG-4 are selectable for system migration.
- High sensitivity with Simple Day/Night function: 0.2 lx (Color), 0.13 lx (B/W) at F1.4
- VIQS (Variable Image Quality on Specified area) technology allows the designated area 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.
- Focus Assist ensures easy installation.
- 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.
- Superior color reproduction by primary (RGB) color filter
- Electronic sensitivity enhancement: Auto (Up to 16x) / OFF
- Selectable light control modes: Outdoor / Indoor / ELC / Fixed electronic shutter Outdoor / Indoor: Electronic shutter and ALC lens iris control are automatically controlled depending on the mode and luminance level.
 ELC: Up to 1/10,000 Electronic shutter is automatically applied for a fix iris lens.
 Fixed electronic shutter: Up to 1/10,000 fixed electronic shutter can be selectable.
- VMD (Video Motion Detector) 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.
- Meta data for VMD is supplied to work with the WJ-ND400 playback VMD function.
- Privacy Zone can mask up to 2 private areas, such as house windows and entrances/exits.
- 2x extra zoom at VGA resolution
- 2x, 4x digital zoom controlled by browser
- Camera title display: Up to 20 alphanumeric characters on the browser, Up to 20 alphanumeric characters embedded in the image

- Alarm sources including 1 terminal input, VMD and Panasonic alarm command can trigger actions such as SDHC/SD memory recording, FTP image transfer, E-mail notification, Indication on browser, Alarm terminal output, and Panasonic protocol output.
- Full duplex bi-directional audio allows interactive communication between camera site and monitoring site.
- 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.
- SDHC/SD Memory card slot for manual recording (H.264 / JPEG), alarm recording (H.264 / JPEG) and backup upon network failure (JPEG)
- H.264/MPEG-4 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.
- Alarm log, Manual REC log, FTP error log saved in the SDHC/SD memory card is displayed on the browser GUI and can be downloaded to the client PC. Playback or Image data download through the log is also available.
- Internet mode: H.264/MPEG-4 images can be transmitted over HTTP protocol.
- Multi-language: English / Italian / French / German / Spanish / Russian / Chinese / Japanese
- IPv4/IPv6 protocol supported
- Supports DDNS (viewnetcam, RFC2136)
- Still images (JPEG) can be viewed on mobile phones via Internet.
- Analog Monitor output for easier installation
- ONVIF compliant model

Standard Accessories

- CD-ROM^{*1}.....1 pc.
 Installation Guide1 pc.
- Code Label*2 1 pc
- The followings are for installation.
- Power Cord Plug......1 pc.
- Safety Wire Plate for Ceiling...... 1 pc.
- Wire Lug Fixing Screws (M2.5 x 8)
 2 pcs. (incl. 1 spare)

· Safety Wire Lug for Wall

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

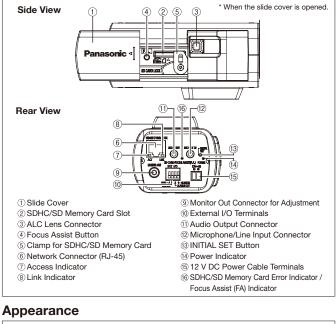
Specifications

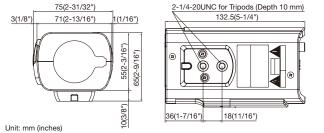
	ņ		NTSC PAL	
Camera	Image Sensor		1/3 type MOS Sensor	
	Effective P	ixels	Approx. 1.3 megapixel	
	Scanning N		Progressive scan	
	Scanning Area		4.8 mm (H) x 3.6 mm (V) {3/16 inches (H) x 5/32 inches (V)}	
	Minimum Illumination		Color: 0.2 lx, B/W: 0.13 lx at F1.4 (Shutter: 1/30 s, AGC: High),	
			Color: 0.013 lx, B/W: 0.009 lx at F1.4 (Shutter: 16/30 s, AGC: High)	
	White Balance		AWC (2,000 ~ 10,000 K), ATW1 (2,700 ~ 6,000 K), ATW2 (2,000 ~ 6,000 K)	
	Light Cont	rol Mode	Outdoor : Automatic integration of ALC and ELC	
	Light control mode		Indoor [50 Hz]: Automatic integration of ALC and ELC (up to 1/100 s)	
			Indoor [60 Hz]: Automatic integration of ALC and ELC (up to 1/120 s)	
			ELC: (up to 1/10,000 s)	
	Shutter Speed		Fix shutter: OFF (1/30), 3/100, 3/120, 2/100, 2/120, 1/100,	
	Shutter Speed			
	Wide Dynamic Range		1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000	
			ON / OFF	
		Dynamic Range	ON / OFF (Only at Wide Dynamic Range: ON)	
	Adaptive E	Black Stretch	ON / OFF (Only at Wide Dynamic Range: OFF)	
	AGC		ON (LOW, MID, HIGH) / OFF	
	Electronic Sensitivity UP		OFF / AUTO (Max. 2x (2/30 s), 4x (4/30 s), 6x (6/30 s), 10x (10/30 s), 16x (16/30 s))	
	Simple Day/Night Mode Digital Noise Reduction Video Motion Detection Privacy Zone VIQS Camera Title (OSD)		AUTO / OFF High / Low 4 areas, Sensitivity: 15 steps, Detection size: 10 steps Up to 2 zones, Gray ON / OFF	
		. ,	Up to 20 alphanumeric characters	
	Focus Adju		Focus Assist	
Browser	Camera Control		Brightness, AUX ON / OFF	
GUI	Display Mode		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		1x, 2x, 4x controlled by browser GUI	
	Camera Title		Up to 20 alphanumeric characters	
	Clock Display		Time: 12H/24H, Date: 5 formats on the browser, Summer time (Auto / Manual)	
	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 / High,	
			Audio Output: ON / OFF Volume adjustment: Low / Middle / High	
	SD Memory Data Download		Still or motion Images recorded in the SDHC/SD memory card can be downloaded.	
	GUI/Setup Menu Language		English, Italian, French, German, Spanish, Russian, Chinese, Japanese	
	System Log		Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the	
	.,		recording format is set to JPEG.) error logs	
	Supported OS		Microsoft [®] Windows [®] 7 Professional 64 bit/32 bit,	
			Microsoft [®] Windows Vista [®] Business SP1 32 bit.	
			Microsoft® Windows® XP Professional SP3	
	0	Duraura	The language of the OS must be same as selected GUI language.	
	Supported	Browser	Windows® Internet Explorer® 9.0 (32 bit),	
			Windows [®] Internet Explorer [®] 8.0 (32 bit),	
			Windows [®] Internet Explorer [®] 7.0 (32 bit),	
			Microsoft [®] Internet Explorer [®] 6.0 SP3	
Network	Network IF		Microsoft® Internet Explorer® 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector	
Network	Network IF Image		10Base-T / 100Base-TX, RJ-45 connector	
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Network	Image	Aspect ratio:	10Base-T / 100Base-TX, RJ-45 connector H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps MPEG-4: VGA (640 × 480) / QVGA (320 × 240), up to 30 fps	
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Network	Image Resolution 112 H.264/ MPEG-4 1 JPEG Audio Com Audio Moc Authentica	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Image Quality Transmission Type Image Quality Transmission Type profession Jetition for Audio ate	10Base-T / 100Base-TX, RJ-45 connector H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps MPEG-4: VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps H.264: 640 × 360 / 320 × 180, up to 30 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.25 s / 0.33 s / 0.5 s / 1 s / 2 s / 3 s / 4 s / 5 s UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF //liic (Line) input / Jadio cutput / Interative (Half duplex) / Interactive (Full duplex 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 3,072 / 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimited ION / NORMAL / FINE	
Network	Image Resolution '1 '2 H.264/ MPEG-4 '1 JPEG Audio Com Audio Com Audio Moc Authentica Total Bit R	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Image Quality Transmission Type Image Quality Transmission Type profession Jetition for Audio ate	10Base-T / 100Base-TX, RJ-45 connector H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps MPEG-4: VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps H.264: 640 × 360 / 320 × 180, up to 30 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.25 s / 0.33 s / 0.5 s / 1 s / 2 s / 3 s / 4 s / 5 s UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimited IPv6: TCP/IP, UDP/IP, HTTP, RTP, FTP, SMTP, DNS, NTP, SNMP, DHCPv6, ICMPv6	
Network	Image Resolution '1 '2 H.264/ MPEG-4 '1 JPEG Audio Com Audio Com Audio Moc Authentica Total Bit R	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Image Quality Transmission Type Image Quality Transmission Type profession Jetition for Audio ate	10Base-T / 100Base-TX, RJ-45 connector H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps MPEG-4: VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps L.264: 640 × 360 / 320 × 180, up to 30 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.25 s / 0.33 s / 0.5 s / 1 s / 2 s / 3 s / 4 s / 5 s UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic (Line) input / Audio output / Interactive (Full duplex) Interactive (Full duplex) / Interactive (Full duplex) Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 0,966 / 8,192 kbps / Unlimited IPV6: TCP/IP, UDP/IP, HTTP, RTP, FTP, SMTP, DNS, NTP, SNMP, DHCPv6, ICMPv6 IPv4: TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/RTCP, FTP,	
Network	Image Resolution '1 '2 H.264/ MPEG-4 '1 JPEG Audio Com Audio Moor Audio Moor Total Bit R Supported	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate/ Bit Rate/ Client Image Quality Refresh Interval Image Quality Transmission Type Image Quality Transmission Type Image Quality Transmission Type Dypression de tion for Audio ate	10Base-T / 100Base-TX, RJ-45 connector H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps MPEG-4: VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps H.264: 640 × 360 / 320 × 180, up to 30 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.25 s / 0.33 s / 0.5 s / 1 s / 2 s / 3 s / 4 s / 5 s UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF/ Mic [Line] input / Audio output / Interactive (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimited IPv8: TCP/IP, UDP/IP, HTTP, RTP, RTP, RTP, RTP, RTP, RTP, SMTP, DNC, NTP, SNMP, DHCPv6, ICMPv6 IPv4: TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/RTCP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, UPnP, IGMP, IGMP, IGMP, ARP	
Network	Image Resolution '1 '2 H.264/ MPEG-4 '1 JPEG Audio Com Audio Com Audio Moc Authentica Total Bit R	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate/ Bit Rate/ Client Image Quality Refresh Interval Image Quality Transmission Type Image Quality Transmission Type Image Quality Transmission Type Dypression de tion for Audio ate	10Base-T / 100Base-TX, RJ-45 connector H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps MPEG-4: VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps H.264: 640 × 360 / 320 × 180, up to 30 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.25 s / 0.33 s / 0.5 s / 1 s / 2 s / 3 s / 4 s / 5 s UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimited IPv6: TCP/IP, UDP/IP, HTTP, RTP, RTP, RTP, RTP, RTP, RTP, SNMP, NMP, DHCPv6, ICMPv6 IPv4: TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/RTCP, FTP, SMTP, DHCP, ONS, DDNS, NTP, SNMP, UPnP, IGMP, ICMP, ARP Alarm image transfer, Periodic image transfer, Active/Passive	
Network	Image Resolution '1 '2 H.264/ MPEG-4 '1 JPEG Audio Com Audio Moor Audio Moor Total Bit R Supported	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate/ Bit Rate/ Client Image Quality Refresh Interval Image Quality Transmission Type Image Quality Transmission Type Image Quality Transmission Type Dypression de tion for Audio ate	10Base-T / 100Base-TX, RJ-45 connector H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps MPEG-4: VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps H.264: 640 × 360 / 320 × 180, up to 30 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.25 s / 0.33 s / 0.5 s / 1 s / 2 s / 3 s / 4 s / 5 s UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF/ Mic [Line] input / Audio output / Interactive (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimited IPv8: TCP/IP, UDP/IP, HTTP, RTP, RTP, RTP, RTP, RTP, RTP, SMTP, DNC, NTP, SNMP, DHCPv6, ICMPv6 IPv4: TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/RTCP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, UPnP, IGMP, IGMP, IGMP, ARP	
Network	Image Resolution '1 '2 H.264/ MPEG-4 '1 JPEG Audio Com Audio Moor Audio Moor Total Bit R Supported	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate/ Bit Rate/ Client Image Quality Refresh Interval Image Quality Transmission Type Image Quality Transmission Type Image Quality Transmission Type Dypression de tion for Audio ate	10Base-T / 100Base-TX, RJ-45 connector H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps MPEG-4: VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps H.264: 640 × 360 / 320 × 180, up to 30 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.25 s / 0.33 s / 0.5 s / 1 s / 2 s / 3 s / 4 s / 5 s UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimited IPv6: TCP/IP, UDP/IP, HTTP, RTP, RTP, RTP, RTP, RTP, SNTP, SNMP, DHCPv6, ICMPv6 IPv4: TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/RTCP, FTP, SMTP, DHCP, DNS, DNS, NTP, SNMP, UPnP, IGMP, ICMP, ARP Alarm image transfer, Periodic image transfer, Active/Passive	

Network SDHC/SD Memory Card H.264 recording: Manual REC / Alarm REC (Pre/Post) (Option) JPEG recording: Manual REC / Alarm REC (Post) / Backunetwork failure compatible SD (SDHC) card: Panasonic 2 512 MB, 1 GB, 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 GB* model * SDI	256 MB
network failure Compatible SD (SDHC) card: Panasonic 2 512 MB, 1 GB, 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 GB* model * SD	256 MB
512 MB, 1 GB, 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 GB* model * SD	
	HC card
Face Detection ON / OFF (with XML notification)	
Cellular Phone Compatibility JPEG image	
Mobile Terminal Compatibility ^{*3} iPad, iPhone, iPod touch (iOS 4.2.1 or later), Android™ mobile to	erminals
Alarm Alarm Source 1 terminal input, VMD, Command alarm	
Alarm Actions SDHC/SD memory recording, E-mail notification, Alarm terminal	l output
Indication on browser, FTP image transfer, Panasonic protocol	output
Alarm Log With SDHC/SD memory card: 5,000 logs, without SDHC/SD memory card: 1	1,000 log
Schedule Alarm / VMD / Access permission / H.264 recording	
Input/ Monitor Output 1.0 V [p-p] / 75 Ω, 1.0 V [p-p] / 75 Ω,	
Output (for adjustment) NTSC composite, RCA Jack PAL composite, RCA Ja	ack
Microphone/Line Input MIC IN and Line IN are selectable. ø3.5 mm stereo mini	jack
(monaural input) (Applicable microphone; Plug-in power	type)
Supply voltage: 2.5 V ±0.5 V input impedance: approx. 2	2 kΩ
Audio Output ø3.5 mm stereo mini jack (monaural output) Line level	
External I/O Terminals ALARM IN, ALARM OUT, AUX OUT	
General Safety/EMC Standard UL (UL60065), FCC (Part15 ClassA), CE (EN55022 ClassB, EN55	024)
C-UL (CAN/CSA C22.2 No.60065),	
DOC (ICES003 ClassA)	
Power Source and Consumption 12 V DC: 270 mA, PoE (IEEE 802.3af): 3.4 W (Class 2 de	vice)
Ambient Operating -10 °C ~ +50 °C (14 °F ~ 122 °F),	
Temperature/Humidity Less than 90 % (no condensation)	
Dimensions 75 mm (W) x 65 mm (H) x 132.5mm (L) (2-31/32" (W) x 2-9/16" (H) x 5-	1/4" (L))
Mass (approx.) 390 g (0.86 lbs.)	
1 H.264 and MPEG-4 are alternative. *2 [4 : 3] and [16 : 9] are alternative. *3 For further informatic	on abou

compatible devices, refer to our website (http://panasonic.net/pss/security/support/info.html).

Part Names and Functions





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Important

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Masses and dimensions are approximate.

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- · All product pictures are NTSC models.



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