

Super Dynamic Weather Resistant HD Dome Network Camera WV-SW396



HD/1,280 x 960 H.264 Weather Proof Camera featuring Optical 36x zoom and Super Dynamic

Key Features

- 720p HD images up to 30 fps
- Newly developed 1.3 Megapixel double speed 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 1,280 x 960 image size
- 36x optical zoom with 12x digital zoom enabling 432x zoom. 72x extra optical zoom at VGA resolution with 12x digital zoom enabling 864x zoom.
- Super Dynamic and ABS (Adaptive Black Stretch) technologies deliver 128x wider dynamic range compared with conventional cameras.
- Face Super Dynamic technology ensures clear face image.
- H.264 and MPEG-4 are selectable for system migration.
- High sensitivity with Day/Night function: 0.5 lx (Color), 0.06 lx (B/W) at F1.4 (Wide)
- Adaptive Digital Noise Reduction: 2D-DNR and 3D-DNR integration ensures reduced noise and motion blur in various conditions.
- Superior color reproduction by primary (RGB) color filter
- Electronic sensitivity enhancement: Auto (Up to 16x) / OFF
- Selectable light control modes: Outdoor / Indoor / Fixed electronic shutter Outdoor / Indoor: Electronic shutter and ALC lens iris control are automatically controlled depending on the mode and luminance level. Fixed electronic shutter: Up to 1/10,000 fixed electronic shutter can be selectable.
- · 360 degrees endless Panning
- Advanced auto tracking: The camera automatically pans and tilts to follow a moving subject and keep it in the center of the image.
- PTZ control can be taken very smoothly on the user friendly GUI with 16 speeds pan/tilt and new "Drag and Zoom" operation enabling finer control. 256 speeds available for system with WV-CU950 system controller.
- Up to 256 preset positions
- 360 map shot: 8 thumbnail images at 45 deg. intervals make it simple to direct the camera easily by clicking on a thumbnail.
- Industrial grade Pan/Tilt/Zoom mechanism for high reliability
- 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.
- Meta data for VMD works with the WJ-ND400 playback VMD function.
- Privacy Zone can mask up to 8 private areas, such as house windows and entrances/exits.
- Alarm sources including 3 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.
- Multi-language: English / Italian / French / German / Spanish / Russian / Chinese / Japanese
- IPv4/IPv6 protocol supported
- Analog Monitor output for easier installation
- 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.
- Dehumidification device for use in various weather conditions
- \bullet Built-in fan/heater/sun shield for temperature changes of –50 $^{\circ}\text{C}$ ~ +55 $^{\circ}\text{C}$ $(-58 \text{ °F} \sim +131 \text{ °F})$ (24 V AC), $-30 \text{ °C} \sim +55 \text{ °C}$ ($-22 \text{ °F} \sim 131 \text{ °F})$ (PoE+)
- Supports Power over Ethernet Plus (PoE+) IEEE 802.3at
 - * Does not support IEEE802.3af

Standard Accessories

• CD-ROM*1 Installation Guide.....1 pc. The followings are for installation. Connector Kit for 24 V AC 1 pc. • Front/Rear Sun Shield

Some accessories may not be available in some countries

- Front/Rear Sun Shield Fixing Screws 2 pcs. (incl. 1 spare)
- Code Label*2
- *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.

Optional Accessory

Wall Mount Bracket WV-Q122 (PAL model only)



- User License Accessory (For MPEG-4) BB-HCA5CE (PAL model, Korea)
- User License Accessory (For H.264) BB-HCA8A (NTSC model) BB-HCA8CE (PAL model, Korea)
- * Required in Korea

Specifications

Camera			NTSC	PAL	
	Image Sen		1/4 type MOS Sensor	·	
	Effective P		Approx. 1.3 megapixel		
	Scanning I	Mode	Progressive scan		
			3.6 mm (H) x 2.7 mm (V) {5/32 inch	es (H) × 11/100 inches (V)}	
	Scanning Area Minimum Illumination		Color: 0.5 lx, B/W: 0.06 lx at F1.4 (Shutter: 1/30 s, AGC: High),		
	I WIII III II II II II I	iidiiiiiddioii	Color: 0.031 lx, B/W: 0.004 lx at F1		
	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) / Outdoor scene / Fix shutter		
	Shutter Speed		Fix shutter: OFF (1/30), 3/100, 3/120, 2/100, 2/120, 1/100,		
			1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000		
	Common Directoria				
	Super Dynamic		ON / OFF		
	Face Supe	r Dynamic	ON / OFF (Only at Super Dynamic: ON)		
	Dynamic Range		52 dB typical (Super Dynamic: ON, Light Control mode: Indoor)		
	Adaptive Black Stretch		ON / OFF		
	AGC		ON (LOW, MID, HIGH) / OFF		
			OFF, max. 2/30 s, max. 4/30 s, max. 6/30 s, max. 10/30 s, max. 16/30		
	Electronic Sensitivity UP Black and White Mode Digital Noise Reduction		Mode: AUTO1 / AUTO2 / AUTO3 / ON / OFF High / Low		
	Video Motion Detection		4 areas, Sensitivity: 15 steps, Detection size: 10 steps		
	Privacy Zone		Up to 8 zones, Gray / Mosaic		
	Auto Image Stabilizer		ON / OFF		
	Camera Title (OSD)		Up to 20 alphanumeric characters (3 selectable character sizes)		
Lens	Focal Length		3.3 mm ~ 119 mm		
	Zoom Ratio		36x / 72x with extra optical zoom (at VGA)		
	Digital (Electronic) Zoom		12x (Max. 864x combined with extra optical zoom at VGA)		
	Angular Field of View		H: 1.7° (Tele) ~ 60.2° (Wide), V: 1.3° (Tele) ~ 46.0° (Wide)		
			1 : 1.4 (Wide) ~ 4.8 (Tele)		
	Maximum Aperture Ratio				
Pan and Tilt	Focusing Range		2.0 m ~ ∞		
	Aperture Range		F1.4 ~ 22, Close		
	Panning Range		360° endless		
	Panning Speed		Manual: approx. 0.065°/s ~ 120°/s, Up to 256 steps (depending on the controller		
	r anning opeed		Preset: up to approx. 400°/s		
	Tilting Range		-15° ~ 185° (upward-level-downwa	ard)	
	Tilting Range				
			Tilting angle limit: 10° / 5° / 3° / 0° / -3° / -5° / -10° / -15°		
	Tilting Speed		Manual: approx.0.065°/s ~ 120°/s, Up to	256 steps (depending on the controlle	
	·9 -p		Preset: up to approx. 400°/s		
	Proportional Pon/Tilt Control		Yes		
	Proportional Pan/Tilt Control				
	Number of Preset Positions		256		
	Auto Mode		preset sequence / auto pan / auto track / patrol		
	Image Hold		ON / OFF		
	PTZ Position Display		ON / OFF		
	Self Return		10 s / 20 s / 30 s / 1 min / 2 min / 3 min / 5 min / 10 min / 20 min /		
	Seir Return		30 min / 60 min		
	Man Chat				
	Map Shot		360° map shot / preset map shot		
Browser GUI	Camera Control		Pan/Tilt (16 steps), Zoom, Focus, 0	Click centering, Drag zoom, Iris,	
			Preset position call and program, Auto mode		
	Display Mode		Spot, Quad: Image from 16 cameras can be displayed in 4 different Quad		
	Display Wode		screens or 16 split screen (JPEG only		
	Communa Title			, Lo ond dotoro barriora titlo availabil	
	Camera Title		Up to 20 alphanumeric characters		
	Clock Display		Time: 12H / 24H, Date: 5 formats on the	browser, Summer time (Manual/AUTC	
	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.	
	Addio				
	SD Memory Data Download		Audio Output: ON / OFF Volume adjustment: Low / Middle / High Still or motion images recorded in the SDHC/SD memory card can		
				the SDHC/SD memory card can	
			be downloaded.		
	GUI/Setup	Menu Language	English, French	English, French, Italian, Spanish,	
			(Installation required for French)	German, Russian (Installation	
			,	required except for English)	
	System Log		Up to 100 (Internal) Up to 4 000 (0		
	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 *1		Microsoft® Windows® 7		
	Supported		Microsoft® Windows Vista®		
	Supported				
	Supported		Microsoft® Windows® XP SP3		
		Browser	Microsoft® Windows® XP SP3 Windows® Internet Explorer® 9.0.03	2 hit)	
	Supported	Browser	Windows® Internet Explorer® 9.0 (3		
		Browser	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 8.0 (3	2 bit)	
		Browser	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 8.0 (3 Windows® Internet Explorer® 7.0 (3	2 bit) 2 bit)	
		Browser	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 8.0 (3	2 bit) 2 bit)	
Network			Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 8.0 (3 Windows® Internet Explorer® 7.0 (3	2 bit) 2 bit) P3	
Network	Supported	:	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 8.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-T / 100Base-TX, RJ-45 co	2 bit) 2 bit) P3 nnector	
Network	Supported Network IF	Aspect ratio:	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 8.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-T / 100Base-T / 100Base-T / 104 (64 Hz64: 1,280 × 960 / 800 × 600 / VGA (64	2 bit) 2 bit) P3 nnector 0 × 480) / QVGA (320 × 240), up to 30 f;	
Network	Supported Network IF Image Resolution	Aspect ratio:	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 S 10Bass=T 7 100Bass=TX, RJ-45 co 14264: 1,280 x 980 / 800 x 600 / VGA (64 MPEG-4: VGA (640 x 480) / QVGA	2 bit) 2 bit) P3 nnector 0 × 480) / QVGA (320 × 240), up to 30 fj (320 × 240), up to 30 fps	
Network	Supported Network IF	Aspect ratio:	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-T / 100Base-T X, RJ-45 co H.264: 1,280 × 900 / 800 × 600 / VGA (4 MPEG-4: VGA (640 × 480) / QVGA JPEG (MJPEG): 1,280 × 960 / 800	2 bit) 2 bit) P3 nnector 0 × 480) / QVGA (320 × 240), up to 30 fj (320 × 240), up to 30 fps	
Network	Supported Network IF Image Resolution	Aspect ratio:	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-T / 100Base-TX, RJ-45 co H.284: 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / OVGA JPEG (MJPEG): 1,280 × 960 / 800 OVGA (320 × 240), up to 30 fps	2 bit) 2 bit) P3 nnector 0 × 480) / QVGA (320 × 240), up to 30 ft (320 × 240), up to 30 fps × 600 / VGA (640 × 480) /	
Network	Supported Network IF Image Resolution	Aspect ratio:	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-T / 100Base-T X, RJ-45 co H.264: 1,280 × 900 / 800 × 600 / VGA (4 MPEG-4: VGA (640 × 480) / QVGA JPEG (MJPEG): 1,280 × 960 / 800	2 bit) 2 bit) P3 nnector 0 × 480) / QVGA (320 × 240), up to 30 ft (320 × 240), up to 30 fps × 600 / VGA (640 × 480) /	
Network	Supported Network IF Image Resolution	Aspect ratio: [4 : 3] Aspect ratio:	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-T 7 100Base-T 7, 1045 co 10Base-T 7 100Base-T 7, 1045 co 10Base-T 7, 1045 co 1	2 bit) P3 nnector 0 x 480) / QVGA (320 x 240), up to 30 fg (320 x 240), up to 30 fps x 600 / V/GA (640 x 480) / 20 x 180, up to 30 fps	
Network	Network IF Image Resolution *2 *3	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9]	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 6.0 (3 Windows® Internet Explorer® 6.0 (3 Microsoft® Internet Explorer® 6.0 (3 Microsoft® Internet Explorer® 6.0 8 ID8ase-17 / 100Base-1X, IR-45 co IR-45 (4 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / VGA (64 MPEG-4: VGA (640 × 480) / VGA (64 NPEG) 1,280 × 960 / 800 VGA (320 × 240), up to 30 fps IR-264: 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 720 / 640	2 bit) 2 bit) P3 nnector 0 x 480 / QVGA (320 x 240), up to 30 fg (320 x 240), up to 30 fps x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps x 360 / 320 x 180, up to 30 fps	
Network	Network IF Image Resolution *2 *3	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 6.0 (3 Windows® Internet Explorer® 6.0 S 10Base-T / 100Base-TX, RJ-45 co H.284: 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / OVGA (94 MJPEG): 1,280 × 960 / 800 OVGA (320 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 3 DPEG (MJPEG): 1,280 × 720 / 640 Constant bitrate / Framerate priorit	2 bit) 2 bit) 2 bit) P3 nnector 0 × 480 // OVGA (320 × 240), up to 30 fi (320 × 240), up to 30 fps × 600 / VGA (640 × 480) / 20 × 180, up to 30 fps × 360 / 320 × 180, up to 30 fps y / Best effort	
Network	Network IF Image Resolution *2 *3	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-T 7.100Base-T 7.00Base-T 7.0	2 bit) 2 bit) P3 nnector 0 x 480) / QVGA (320 x 240), up to 30 fp (320 x 240), up to 30 fps x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps x 360 / 320 x 180, up to 30 fps y / Best effort fps	
Network	Network IF Image Resolution *2 *3	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-17 / 100Base-17 K.14-45 co H.264: 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / QVGA (94 MPEG-4: VGA (640 × 480) / QVGA (95 × 480) / VGA (95 × 1,280 × 720 / 640 × 360 / 3 VGA (95 × 1,280 × 720 / 640 × 360 / 3 VGA (95 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,28	2 bit) 2 bit) P3 nnector 0 x 480 / QVGA (320 x 240), up to 30 fg x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps y / Best effort fps 024 / 1,536 / 2,048 / 3,072 /	
Network	Network IF Image Resolution *2 *3	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-17 / 100Base-17 K.14-45 co H.264: 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / QVGA (94 MPEG-4: VGA (640 × 480) / QVGA (95 × 480) / VGA (95 × 1,280 × 720 / 640 × 360 / 3 VGA (95 × 1,280 × 720 / 640 × 360 / 3 VGA (95 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,280 × 720 / 640 × 1,28	2 bit) 2 bit) P3 nnector 0 x 480 / QVGA (320 x 240), up to 30 fg x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps y / Best effort fps 024 / 1,536 / 2,048 / 3,072 /	
Network	Network IF Image Resolution *2 *3	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 6.0 (3 Windows® Internet Explorer® 6.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-T / 100Base-TX, RJ-45 co H.264: 1,280 × 960 / 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 3 UpeG (MJPEG): 1,280 × 720 / 640 × 360 / 3 UpeG (MJPEG): 1,280 × 720 / 640 × 360 / 3 UpeG (MJPEG): 1,260 × 720 / 3 UpeG	2 bit) 2 bit) P3 nnector 0 x 480 / QVGA (320 x 240), up to 30 fg x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps y / Best effort fps 024 / 1,536 / 2,048 / 3,072 /	
Network	Network IF Image Resolution *2 *3	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 (3 Microsoft® Internet Explorer® 6.0 S H264: 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / QVGA J266 (MJPEG): 1,280 × 960 / 800 / S WED (MJPEG): 1,280 × 960 / 80 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,000 /	2 bit) 2 bit) P3 nnector 0 × 480) / QVGA (320 × 240), up to 30 fp (320 × 240), up to 30 fps × 600 / VGA (640 × 480) / 20 × 180, up to 30 fps × 360 / 320 × 180, up to 30 fps y / Best effort fps 0,24 / 1,536 / 2,048 / 3,072 / 4,264 mode only	
Network	Network IF Image Resolution *2 *3	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-17 / 100Base-17 , R1-45 co H.264: 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / QVGA (94 MPEG-4: VGA (640 × 480) / QVGA (95 MPEG (M)PEG): 1,280 × 960 / 800 QVGA (320 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 3 JPEG (M)PEG): 1,280 × 720 / 640 Constant bitrate / Framerate priorit 1/3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 4 / 128 / 256 / 384 / 512 / 768 / 1 4,096 / 8,192* kbps / Unlimited * 1,00 / NORMAL / FINE 0.2 s / 0.25 s / 0.33 s / 0.5 s / 1 s / 0.25 s / 0.35 s / 0.53 v / 1 s /	2 bit) 2 bit) P3 nnector 0 × 480) / QVGA (320 × 240), up to 30 fp (320 × 240), up to 30 fps × 600 / VGA (640 × 480) / 20 × 180, up to 30 fps × 360 / 320 × 180, up to 30 fps y / Best effort fps 0,24 / 1,536 / 2,048 / 3,072 / 4,264 mode only	
Network	Network IF Image Resolution *2 *3	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 (3 Microsoft® Internet Explorer® 6.0 S H264: 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / QVGA J266 (MJPEG): 1,280 × 960 / 800 / S WED (MJPEG): 1,280 × 960 / 80 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,000 /	2 bit) 2 bit) P3 nnector 0 × 480) / QVGA (320 × 240), up to 30 fp (320 × 240), up to 30 fps × 600 / VGA (640 × 480) / 20 × 180, up to 30 fps × 360 / 320 × 180, up to 30 fps y / Best effort fps 0,24 / 1,536 / 2,048 / 3,072 / 4,264 mode only	
Network	Network IF Image Resolution *2 *3	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Aspect ratio: Inage Quality Image Quality Refresh Interval Transmission Type	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 S Microsoft® Internet Explorer® 6.0 S H284: 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / QVGA (320 × 240), up to 30 fps H,264: 1,280 × 720 / 640 × 360 / 30 MPEG (MJPEG): 1,280 × 720 / 640 × 360 / 30 MPEG (MJPEG): 1,280 × 720 / 640 × 360 / 30 MPEG (MJPEG): 1,280 × 720 / 640 × 360 / 30 / 30 / 30 / 30 / 30 / 30 / 30	2 bit) 2 bit) P3 nnector 0 × 480) / QVGA (320 × 240), up to 30 fp (320 × 240), up to 30 fps × 600 / VGA (640 × 480) / 20 × 180, up to 30 fps × 360 / 320 × 180, up to 30 fps y / Best effort fps 0,24 / 1,536 / 2,048 / 3,072 / 4,264 mode only	
Network	Network If Image Resolution '2 '3 H.264/ MPEG-4 '2	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 (3 Microsoft® Internet Explorer® 6.0 S H264: 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / QVGA (320 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 30 JPEG (MJPEG): 1,280 × 900 / 800 / 800 GVGA (320 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 × 3	2 bit) 2 bit) P3 nnector 0 × 480) / QVGA (320 × 240), up to 30 fp (320 × 240), up to 30 fps × 600 / VGA (640 × 480) / 20 × 180, up to 30 fps × 360 / 320 × 180, up to 30 fps y / Best effort fps 0,24 / 1,536 / 2,048 / 3,072 / 4,264 mode only	
Network	Supported Network IF Image Resolution *2 *3 H.264/ MPEG-4 *2 JPEG (MJPEG)	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type	Windows® Internet Explorer® 9.0 (8 Windows® Internet Explorer® 7.0 (8 Windows® Internet Explorer® 7.0 (8 Microsoft® Internet Explorer® 6.0 (8 Microsoft® Internet Explorer® 6.0 S H264: 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / QVGA (94 MPEG-4: VGA (640 × 480) / QVGA (94 MPEG-4: VGA (640 × 480) / QVGA (94 MPEG-4: VGA (940 × 480) / QVGA (940 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 Constant bitrate / Framerate priori 1/3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 4 / 128 / 256 / 384 / 512 / 768 / 1 4,096 / 8,192* kbps / Unlimited * 1,00 / NORMAL / FINE (9.2 \$ / 0.25 \$ / 0.33 \$ / 0.5 \$ / 1.5 / UNICAST / MULTICAST MULTICAST 10 steps PULL / PUSH	2 bit) 2 bit) P3 nnector 0 x 480 / OVGA (320 x 240), up to 30 fp x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps x 360 / 320 x 180, up to 30 fps y / Best effort fps 0.24 / 1,536 / 2,048 / 3,072 / 1,264 mode only 2 s / 3 s / 4 s / 5 s	
Network	Supported Network If Image Resolution *2 *3 H.264/ MPEG-4 *2 JPEG (MJPEG) Audio Con	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Aspect ratio: [17 : 9] Aspect ratio: [18 : 9]	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 (3 Microsoft® Internet Explorer® 6.0 S H284: 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / OVGA (920 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 3 MPEG (MJPEG): 1,280 × 720 / 3 MPEG (MJPEG): 1,280 × 720 / 3 MPEG (MJPEG): 1,280 × 720 / 3 MPEG (MJ	2 bit) 2 bit) P3 nnector 0 × 480) / OVGA (320 × 240), up to 30 fp (320 × 240), up to 30 fps × 600 / VGA (640 × 480) / 20 × 180, up to 30 fps × 360 / 320 × 180, up to 30 fps y / Best effort fps 024 / 1,536 / 2,048 / 3,072 / 1,264 mode only 2 s / 3 s / 4 s / 5 s	
Network	Supported Network IF Image Resolution *2 *3 H.264/ MPEG-4 *2 JPEG (MJPEG)	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Aspect ratio: [17 : 9] Aspect ratio: [18 : 9]	Windows® Internet Explorer® 9.0 (8 Windows® Internet Explorer® 7.0 (8 Windows® Internet Explorer® 7.0 (8 Microsoft® Internet Explorer® 6.0 (8 Microsoft® Internet Explorer® 6.0 S H264: 1,280 × 960 / 800 × 600 / VGA (64 MPEG-4: VGA (640 × 480) / QVGA (94 MPEG-4: VGA (640 × 480) / QVGA (94 MPEG-4: VGA (640 × 480) / QVGA (94 MPEG-4: VGA (940 × 480) / QVGA (940 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 3 JPEG (MJPEG): 1,280 × 720 / 640 Constant bitrate / Framerate priori 1/3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 4 / 128 / 256 / 384 / 512 / 768 / 1 4,096 / 8,192* kbps / Unlimited * 1,00 / NORMAL / FINE (9.2 \$ / 0.25 \$ / 0.33 \$ / 0.5 \$ / 1.5 / UNICAST / MULTICAST MULTICAST 10 steps PULL / PUSH	2 bit) 2 bit) P3 nnector 0 × 480) / OVGA (320 × 240), up to 30 fp (320 × 240), up to 30 fps × 600 / VGA (640 × 480) / 20 × 180, up to 30 fps × 360 / 320 × 180, up to 30 fps y / Best effort fps 024 / 1,536 / 2,048 / 3,072 / 1,264 mode only 2 s / 3 s / 4 s / 5 s	
Network	Supported Network If Image Resolution *2 *3 H.264/ MPEG-4 *2 JPEG (MJPEG) Audio Con	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Aspect ratio: [17 : 9] Aspect ratio: [18 : 9]	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 (3 MPEG-4: VGA (640 × 480) / QVGA (64 MPEG-4: VGA (640 × 480) / QVGA (64 NPEG-4: VGA (640 × 360 / 3 MPEG (MPEG): 1,280 × 720 / 640 × 360 / 3 MPEG (MPEG): 1,280 × 720 / 640 × 360 / 3 MPEG (MPEG): 1,280 × 720 / 640 × 360 / 3 MPEG (MPEG): 1,280 × 720 / 640 × 360 / 3 MPEG (40 × 10 × 10 × 10 × 10 × 10 × 10 × 10 ×	2 bit) 2 bit) P3 nnector 0 × 480) / OVGA (320 × 240), up to 30 fp (320 × 240), up to 30 fps × 600 / VGA (640 × 480) / 20 × 180, up to 30 fps × 360 / 320 × 180, up to 30 fps y / Best effort fps 024 / 1,536 / 2,048 / 3,072 / 1,264 mode only 2 s / 3 s / 4 s / 5 s	
Network	Supported Network If Image Resolution *2 *3 H.264/ MPEG-4 *2 JPEG (MJPEG) Audio Con Audio Moc	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type Image Suppression Ide	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 (3 MPEG-4: VGA (640 × 480) / QVGA (940 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 3 PEG (MJPEG): 1,280 × 720 / 640 Constant bitrate / Framerate priorit 1/3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 4 / 128 / 256 / 384 / 512 / 768 / 1 4,096 / 8,192° kbps / Unlimited * J. LOW / NORMAL / FINE 0.2 s / 0.25 s / 0.35 s / 0.3 s / 0.5 s / 1 s / UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps O.756 (ADPCM) 32 kbps / 16 kbps O.756 / Mic (Line) input / Audio outp Interactive (Full duplex)	2 bit) 2 bit) P3 nnector 0 x 480 / OVGA (320 x 240), up to 30 f (320 x 240), up to 30 fps x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps x 360 / 320 x 180, up to 30 fps y / Best effort fps 0.24 / 1,536 / 2,048 / 3,072 / 1,264 mode only 2 s / 3 s / 4 s / 5 s , G.711 64 kbps ut / Interactive (Half duplex) /	
Network	Supported Network If Image Resolution *2 *3 H.264/ MPEG-4 *2 JPEG (MJPEG) Audio Con Audio Moc Authentica	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Aspect ratio: [16 : 9] Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type Image Quality Transmission Type Image Image Rate Image Image Image Image Image Image Image Image Image Image Image Image Image Image Ima	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 6.0 (3 Windows® Internet Explorer® 6.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-T / 100Base-TX, RJ-45 co H.284: 1,280 × 960 / 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 3 2 PEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 2 PEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 2 PEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 4 PEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 2 PEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 PEG (MJPEG): 1,280 × 720 / 640	2 bit) 2 bit) P3 nnector 0 × 480) / OVGA (320 × 240), up to 30 f (320 × 240), up to 30 fps × 600 / VGA (640 × 480) / 20 × 180, up to 30 fps × 360 / 320 × 180, up to 30 fps y / Best effort fps 0.24 / 1,536 / 2,048 / 3,072 / 1.264 mode only 2 s / 3 s / 4 s / 5 s ut / Interactive (Half duplex) / sers	
Network	Supported Network If Image Resolution *2 *3 H.264/ MPEG-4 *2 JPEG (MJPEG) Audio Con 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 Transmission Type Image Quality Transmission Type pression le tition for Audio ate	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 (4 MPEG-4: VGA (640 × 480) / QVGA (64 MPEG-4: VGA (640 × 480) / QVGA (920 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 3 MPEG (MJPEG): 1,280 × 720 / 640 Constant bitrate / Framerate priori (1/3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 64 / 128 / 256 / 384 / 512 / 768 / 1 4,096 / 8,192° kbps / Unlimited * 1 LOW/ NIORMAL / FINE (0.2 s / 0.25 s / 0.33 s / 0.5 s / 1 s / UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps OFF / Mic (Line) input / Audio outp Interactive (Full duplex) Level 1 only / Level 2 higher / All ut 64 / 128 / 256 / 384 / 512 / 768 / 11,024	2 bit) 2 bit) P3 nnector 0 x 480) / QVGA (320 x 240), up to 30 fg (320 x 240), up to 30 fps x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps x 360 / 320 x 180, up to 30 fps y / Best effort fps ,024 / 1,536 / 2,048 / 3,072 / 4.264 mode only 2 s / 3 s / 4 s / 5 s ut / Interactive (Half duplex) / sers 7 2,048 / 4,096 / 8,192 kbps / Unlimite	
Network	Supported Network If Image Resolution *2 *3 H.264/ MPEG-4 *2 JPEG (MJPEG) Audio Con Audio Moc Authentica	Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type pression le tition for Audio ate	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 6.0 (3 Windows® Internet Explorer® 6.0 (3 Microsoft® Internet Explorer® 6.0 S 10Base-T / 100Base-TX, RJ-45 co H.284: 1,280 × 960 / 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 3 2 PEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 2 PEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 2 PEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 4 PEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 2 PEG (MJPEG): 1,280 × 720 / 640 × 360 / 3 PEG (MJPEG): 1,280 × 720 / 640	2 bit) 2 bit) P3 nnector 0 x 480) / OVGA (320 x 240), up to 30 fp (320 x 240), up to 30 fps x 600 / VGA (640 x 480) / 20 x 180, up to 30 fps x 360 / 320 x 180, up to 30 fps y / Best effort fps ,024 / 1,536 / 2,048 / 3,072 / 4.264 mode only 2 s / 3 s / 4 s / 5 s ut / Interactive (Half duplex) / sers / 2,048 / 4,096 / 8,192 kbps / Unlimite	
Network	Supported Network If Image Resolution *2 *3 H.264/ MPEG-4 *2 JPEG (MJPEG) Audio Con 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 Transmission Type Image Quality Transmission Type pression le tition for Audio ate	Windows® Internet Explorer® 9.0 (3 Windows® Internet Explorer® 7.0 (3 Windows® Internet Explorer® 7.0 (3 Microsoft® Internet Explorer® 6.0 (4 MPEG-4: VGA (640 × 480) / QVGA (64 MPEG-4: VGA (640 × 480) / QVGA (920 × 240), up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 3 MPEG (MJPEG): 1,280 × 720 / 640 Constant bitrate / Framerate priori (1/3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 64 / 128 / 256 / 384 / 512 / 768 / 1 4,096 / 8,192° kbps / Unlimited * 1 LOW/ NIORMAL / FINE (0.2 s / 0.25 s / 0.33 s / 0.5 s / 1 s / UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps OFF / Mic (Line) input / Audio outp Interactive (Full duplex) Level 1 only / Level 2 higher / All ut 64 / 128 / 256 / 384 / 512 / 768 / 11,024	2 bit) 2 bit) P3 nnector 0 × 480) / OVGA (320 × 240), up to 30 fp (320 × 240), up to 30 fps × 600 / VGA (640 × 480) / 20 × 180, up to 30 fps × 360 / 320 × 180, up to 30 fps y / Best effort fps 0.24 / 1,536 / 2,048 / 3,072 / 1.264 mode only 2 s / 3 s / 4 s / 5 s 0.34 / 1,54 / 5 s 0.35 / 2,048 / 3,072 / 1.264 mode value only 0.35 / 3,072 / 0.36 / 3,072 / 0.37 / 3,072 / 0.38 / 3,	

TV System		NTSC	PAL	
Network	FTP Client	Alarm image transfer, Periodic image transfer (When the FTP periodic transmission		
		is failed, backup on an optional SDHC/SD memory card is available.)		
	No. of Simultaneous Users	Up to 14 users (Depends on network conditions)		
	SDHC/SD Memory Card	H.264 recording: Manual REC / Alarm REC (Pre/Post) / Schedule REC		
	(Option)	JPEG recording: Manual REC / Alarm REC (Post) / Backup upon network failure		
		Compatible SD (SDHC) card: Panasonic 256 MB, 512 MB, 1 GB,		
		2 GB, 4 GB*, 8 GB*, 16 GB*, 32 GB* model * SDHC card		
	Face Detection	ON / OFF (with XML notification)		
	Cellular Phone Compatibility	JPEG image, panning/tilting/zoom control, AUX control (by access level)		
Alarm	Alarm Source	3x Terminal inputs, VMD, Command alarm , Auto track		
	Alarm Actions	SD memory recording, E-mail notification, Indication on browser, Camera positioning, Preset		
		position 1 ~ 64, FTP image transfer, Terminal output, Panasonic protocol output, Auto track		
	Alarm Log	With SD memory card: 5,000 logs, Without SD memory card: 1,000 logs		
	Schedule	Alarm/VMD/Access permission, Preset position call, Position refresh, H.264 recording		
Input /	Monitor Output	1.0 V [P-P] / 75 Ω, NTSC composite,	1.0 V [P-P] / 75 Ω, PAL composite,	
Output	(for adjustment)	BNC	BNC	
	Microphone/Line Input	MIC IN and Line IN are selectable. ø3.5 mm monaural mini jack		
		(Applicable microphone: Plug-in power type),		
		Supply voltage: 2.5 V ±0.5 V, Input impedance: approx. 2 kΩ		
	Audio Output	ø3.5 mm stereo mini jack (monaural output) Line level		
	External I/O Terminals	ALARM IN 1 / DAY/NIGHT IN, ALARM IN 2 / ALARM OUT,		
		ALARM IN 3 / AUX OUT (x1 each)		
General	Safety/EMC Standard	UL (UL60065-1), FCC (Part15 ClassA),	CE	
		C-UL (CAN/CSA C22.2 No.60950-1),	(EN55022 ClassB, EN55024)	
		DOC (ICES003 ClassA)		
	Power Source/	24 V AC (50 Hz / 60 Hz): approx. 43 W Heater ON		
	Consumption	PoE Plus: approx. 24.0 W (IEEE802.3at compliant, Class 4 device) Heater ON		
	Ambient Operating	-50 °C ~ +55 °C (-58 °F ~ 131 °F) (24 V AC) *4,*5		
	Temperature/Humidity	-30 °C ~ +55 °C (-22 °F ~ 131 °F) (PoE Plus), 90 % or less (without condensation)		
	Water and Dust Resistance	IP66, IEC60529 measuring standard compatible		
	Dimensions	ø229 mm x 379 mm (H) (ø9-1/32" x 14-23/25"(H)), Diameter of the dome: 150 mm (5-29/32")		
	Mass (approx.)	4.6 kg (10.15 lbs.)		

I Mass (approx.) [4.6 Kg (10.15 IDS.)

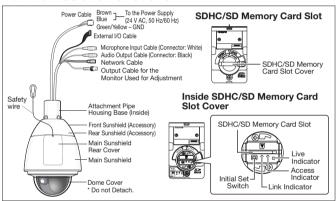
14.6 Kg (10.15 IDS.)

14.6 Kg (10.15 IDS.)

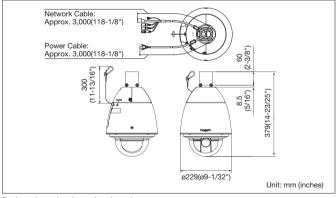
14.6 Kg (10.15 IDS.)

15 Microsoft Windows XP Professional 64-bit Edition are not supported. "2 H.264 and MPEG-4 are alternative. "3 [4:3] and [16:9] are alternative. "4 When used with a continuous power supply (camera internal temperature must be above -10°C, and installation and startup should be done at above -30°C.) "5 When using this product at temperatures of -40°C or bellow, use the power supply between 24 V AC and 27 V AC.

Part Names and Functions



Appearance



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- 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.

• All TV pictures are simulated. • Masses and dimensions are approximate. • Specifications are subject to change without notice. • These products may be subject to export control regulations. • All product pictures are NTSC models.

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