

HD Fixed Dome Network Camera **WV-SF335**



HD/1,280 x 960 H.264 Fixed Dome Network Camera

Key Features

- 720p HD images up to 30 fps
- 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 1,280 x 960 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: 0.3 lx (Color), 0.2 lx (B/W) at F1.3 (Wide)
- 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 / 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.
- 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, 4x digital zoom controlled by browser
- Camera title display: Up to 20 alphanumeric characters on the browser, Up to 16 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 GUI and setup menu: English, French, Italian, Spanish, German, Russian (PAL) / English, French (NTSC) * Installation required except for English
- IPv4/IPv6 protocol supported
- Analog Monitor output for easier installation
- 2.8 mm ~ 10 mm, 3.6x Varifocal Auto Iris lens
- ONVIF compliant model

Standard Accessories

• CD-ROM*1	1 pc.
Installation Guide	1 pc.
Code Label*2	1 pc.
The followings are for installation.	
Power Cord Plug	1 pc.
 External I/O Terminal Plug 	1 pc.

- Installation Template Label 1 pc. 2 pcs. (incl. 1 spare) Cable Tie
- *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 Accessories



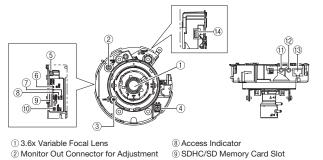
Specifications

Camera	Imaga San	oor	NTSC PAL		
Jamera	Image Sen Effective P		1/3 type MOS Sensor Approx. 1.3 megapixel		
	Scanning N		Progressive scan		
	Scanning A	llumination	4.8 mm (H) x 3.6 mm (V) Color: 0.3 lx, B/W: 0.2 lx at F1.3	(Shuttor: 1/20 c. AGC: High)	
	wiiniiniunn	Intrination			
	White Balance Light Control Mode		Color: 0.019 lx, B/W: 0.013 lx at F1.3 (Shutter: 16/30 s, AGC: High)		
			AWC (2,000 ~ 10,000 K), ATW1 (2,700 ~ 6,000 K), ATW2 (2,000 ~ 6,000 K) Outdoor: Automatic integration of ALC and ELC		
			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)		
	Oburthan Oraca d				
	Shutter Speed		Fix shutter: OFF (1/30), 3/100, 3		
	Wide Durania Darana		1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 ON / OFF		
	Wide Dynamic Range				
	Face Wide Dynamic Range		ON / OFF (Only at Wide Dynamic Range: ON)		
	Adaptive Black Stretch		ON / OFF (Only at wide Dynamic Range, OFF)		
	AGC				
	Electronic Sensitivity UP			, 6X (6/30 S), 10X (10/30 S), 16X (16/30 S))	
	Simple Day/Night Mode		AUTO / OFF		
	Digital Noise Reduction		High / Low		
	Video Motion Detection				
	Privacy Zone		Up to 2 zones, Gray		
	Camera Title (OSD)		Up to 16 alphanumeric characters		
	Focus Adjustment		Focus Assist		
Lens	Vari Focal Length		2.8 mm ~ 10 mm, 3.6x varifocal		
	Angular Field of View		H: 27.7° (Tele) ~ 100.3° (Wide), V: 20.8° (Tele) ~ 73.5° (Wide)		
	Maximum Aperture Ratio				
	Focusing Range		0.3 m ~ ∞		
Adjusting	Angle		Horizontal: 180° (clockwise), 170° (counter clockwise)		
D	0		Vertical: ±75°, Imaging tilt adjus	tment range: ±100°	
Browser	Camera Co		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 (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,		
	SD Memory Data Download		Audio Output: ON / OFF Volume adjustment: Low / Middle / High		
			card can be downloaded.		
	GUI/Setup Menu Language		English, French	English, French, Italian,	
			(Installation required for French)	Spanish, German, Russian	
				(Installation required except for English)	
	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 [®] Bus	iness SP1 32 bit,	
			Microsoft [®] Windows [®] XP Professional SP3		
	Supported Browser		The language of the OS must be same as selected GUI language.		
			Windows [®] Internet Explorer [®] 8.0 32 bit (Microsoft [®] Windows [®] 7 64 bit/32 bit), Windows [®] Internet Explorer [®] 7.0 (Microsoft [®] Windows Vista [®] Business SP1 32 bit),		
			Microsoft® Internet Explorer® 6.0 SP3 (Microsoft® Windows® XP Professional SP3)		
Network	Network IF		10Base-T / 100Base-TX, RJ-45	connector	
	Image		H.264: 1,280 × 960 / VGA (640 × 48		
	Resolution		MPEG-4: VGA (640 × 480) / QV		
	*1 *2	-	JPEG: 1,280 × 960 / VGA (640 × 48		
		Aspect ratio:	H.264: 1,280 × 720 / 640 × 360		
		[16:9]	JPEG: 1,280 × 720 / 640 × 360	/ 320 × 180, up to 30 tbs	
	H.264/	[16 : 9] Transmission	JPEG: 1,280 × 720 / 640 × 360 Constant bitrate / Framerate pri		
		Transmission	JPEG: 1,280 × 720 / 640 × 360 Constant bitrate / Framerate pri		
	H.264/ MPEG-4	Transmission Mode	Constant bitrate / Framerate pri	ority	
	MPEG-4	Transmission	Constant bitrate / Framerate pri	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 /	
	MPEG-4	Transmission Mode Frame Rate	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps	
	MPEG-4	Transmission Mode Frame Rate Bit Rate/	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 /	
	MPEG-4	Transmission Mode Frame Rate Bit Rate/ Client	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192* kbps / Unlimited	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 /	
	MPEG-4	Transmission Mode Frame Rate Bit Rate/ Client Image Quality	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192* kbps / Unlimited LOW / NORMAL / FINE	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only	
	MPEG-4	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192° kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.33 s / 0.5 s / 1 s / 2 s /	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only	
	MPEG-4	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Transmission Type	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192' kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.33 s / 0.5 s / 1 s / 2 s / UNICAST / MULTICAST	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only	
	MPEG-4	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Transmission Type Image Quality	Constant bitrate / Framerate pri 1/3/5/7.5/10/15/20/ 30 fps 64/128/256/384/512/768 4,096/8,192*kbps/Unlimited LOW/NORMAL/FINE 0.2 s/0.33 s/0.5 s/1 s/2 s/ UNICAST/MULTICAST 10 steps	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only	
	MPEG-4 *1 JPEG	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192* kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.33 s / 0.5 s / 1 s / 2 s / UNICAST / MULTICAST 10 steps PULL / PUSH	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only 3 s / 4 s / 5 s	
	MPEG-4 *1 JPEG Audio Com	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192* kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.33 s / 0.5 s / 1 s / 2 s / UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kb	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only 3 s / 4 s / 5 s pps	
	MPEG-4 *1 JPEG Audio Com	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type pression le	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192' kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.33 s / 0.5 s / 1 s / 2 s / UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kt OFF / Mic (Line) input / Audio output / Inter	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only 3 s / 4 s / 5 s pps active (Half duplex) / Interactive (Full duples)	
	MPEG-4 *1 JPEG Audio Com Audio Mod Authentica	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type Image Quality Transmission Type Image State Image Reference State Image	Constant bitrate / Framerate pri 1/3/5/7.5/10/15/20/ 30 fps 64/128/256/384/512/768 4,096/8,192*kbps/Unlimited LOW/NORMAL/FINE 0.2 s/0.33 s/0.5 s/1 s/2 s/ UNICAST/MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps/16 kt OFF/Mic (ine) input/Audio output/Inter Level 1 only / Level 2 higher / A	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only 3 s / 4 s / 5 s pps active (Half duplex) / Interactive (Full duplex) I users	
	MPEG-4 1 JPEG Audio Com Audio Mod Authentica Total Bit Ri	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type ppression le tion for Audio ate	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192* kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.33 s / 0.5 s / 1 s / 2 s / UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kt OFF / Mic (Line) input / Audio output / Inter Level 1 only / Level 2 higher / A 64 / 128 / 256 / 384 / 512 / 768 / 1,024	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only 3 s / 4 s / 5 s pps active (Half duplex) / Interactive (Full duplex) I users / 2,048 / 4,096 / 8,192 kbps / Unlimited	
	MPEG-4 *1 JPEG Audio Com Audio Mod Authentica	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type ppression le tion for Audio ate	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192* kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.33 s / 0.5 s / 1 s / 2 s / UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kt OFF / Mic (Line) input / Audio output / Inter Level 1 only / Level 2 higher / AI 64/128 / 256/384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RT	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only 3 s / 4 s / 5 s pps active (Half duplex) / Interactive (Full duplex) I users / 2,048 / 4,096 / 8,192 kbps / Unlimiter P, FTP, SMTP, DNS, NTP, SNMP	
	MPEG-4 1 JPEG Audio Com Audio Mod Authentica Total Bit Ri	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type ppression le tion for Audio ate	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192* kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.33 s / 0.5 s / 1 s / 2 s / UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kt OFF / Mic (Line) input / Audio output / Inter Level 1 only / Level 2 higher / A 64 / 128 / 256 / 384 / 512 / 768 / 1,024	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only 3 s / 4 s / 5 s pps active (Half duplex) / Interactive (Full duplex) I users / 2,048 / 4,096 / 8,192 kbps / Unlimiter P, FTP, SMTP, DNS, NTP, SNMP	
	MPEG-4 1 JPEG Audio Com Audio Mod Authentica Total Bit Ri	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type ppression le tion for Audio ate	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192* kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.33 s / 0.5 s / 1 s / 2 s / UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kt OFF / Mic (Line) input / Audio output / Inter Level 1 only / Level 2 higher / AI 64/128 / 256/384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RT	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only 3 s / 4 s / 5 s pps active (Half duplex) / Interactive (Full duplex / 2,048 / 4,096 / 8,192 kbps / Unlimited / 5,017 P, RTP, RTP/RTCP, FTP,	
	MPEG-4 1 JPEG Audio Com Audio Mod Authentica Total Bit Ri	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type Image Quality File Protocol	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192' kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.33 s / 0.5 s / 1 s / 2 s / UNICAST / MULTICAST 10 steps PULL / PUSH 6.726 (ADPCM) 32 kbps / 16 kt OFF / Mic (Line) input / Audio output / Inter Level 1 only / Level 2 higher / A 64 / 128 / 256 / 384 / 512 / 768 / 1.024 IPv6: TCP/IP, UDP/IP, HTTP, RT IPv4: TCP/IP, UDP/IP, HTTP, RT	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only 3 s / 4 s / 5 s pps ctive (Half duplex) / Interactive (Full duplex) I users / 2,048 / 4,096 / 8,192 kbps / Unlimited P, FTP, SMTP, DNS, NTP, SNMP TSP, RTP, RTP/RTCP, FTP, P, SNMP	
	MPEG-4 1 JPEG Audio Com Audio Mod Authentica Total Bit R: Supported	Transmission Mode Frame Rate Bit Rate/ Client Image Quality Refresh Interval Transmission Type Image Quality Transmission Type Image Quality File Protocol	Constant bitrate / Framerate pri 1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 4,096 / 8,192' kbps / Unlimited LOW / NORMAL / FINE 0.2 s / 0.33 s / 0.5 s / 1 s / 2 s / UNICAST / MULTICAST 10 steps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kt OFF / Mic (Line) input / Audio output / Inter Level 1 only / Level 2 higher / AI 64 / 128 / 256 / 384 / 512 / 768 / 1,024 IPv6: TCP/IP, UDP/IP, HTTP, RT IPv4: TCP/IP, UDP/IP, HTTP, RT IPv4: TCP/IP, UDP/IP, HTTP, RT	ority 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps / 1,024 / 1,536 / 2,048 / 3,072 / * H.264 mode only 3 s / 4 s / 5 s yps active (Half duplex) / Interactive (Full duplex I users / 2,048 / 4,096 / 8,192 kbps / Unlimited P, FTP, SMTP, DNS, NTP, SMMP TSP, RTP, RTP/RTCP, FTP, -, SNMP mage transfer, Active/Passive	

TV System		NTSC	PAL	
Network	SDHC/SD Memory Card	H.264 recording: Manual REC / Alarm REC (Pre/Post)		
	(Option)	JPEG recording: Manual REC / Alarm REC (Post) / Backup upo		
		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)			
Alarm	Alarm Source	1 terminal input, VMD, Command alarm		
	Alarm Actions SDHC/SD memory recording, E-mail notification			
	Indication on browser, FTP image transfer, Panasonic p			
	Alarm Log	without SDHC/SD memory card: 1,000 logs		
	Schedule	Alarm / VMD / Access permission		
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 Jack	
	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 kΩ		
	Audio Output Ø3.5 mm stereo mini jack (monaural output		aural output) Line level	
	External I/O Terminals	ernal I/O Terminals ALARM IN, ALARM OUT, AUX OUT		
General	Safety/EMC Standard	UL (UL60065), FCC (Part15 ClassA),	CE (EN55022 ClassB, EN55024)	
		C-UL (CAN/CSA C22.2 No.60065),		
		DOC (ICES003 ClassA)		
	Power Source and	12 V DC: 280 mA, PoE (IEEE 802.3af): 3.5 W (Class 2 device		
	Power Consumption			
	Ambient Operating -10 °C ~ +50 °C (14 °F ~ 122 °F),		F),	
	Temperature/Humidity			
	Dimensions	ø129.5 mm x 93 mm (H) (ø5-1/8	3" x 3-5/8" (H))	
	Mass (approx.)	370 g (0.82 lbs.)		

Mass (approx.) 370 g (0.82 lbs.) *1 H.264 and MPEG-4 are alternative. *2 [4 : 3] and [16 : 9] are alternative.

Part Names and Functions



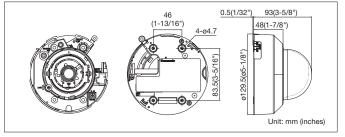
- ③ Panning Table Lock Screw④ 12 V DC Power Cable Terminals
- 9 SDHC/SD Memory Card Slot
 10 INITIAL SET Button
 - 1 Audio Output Connector
- 12 Microphone/Line Input Connector 6 SDHC/SD Memory Card Error Indicator
 - (i) Network Connector (RJ-45) (4) External I/O Terminals
 - / Focus Assist Indicator

Ink Indicator

(5) Focus Assist Button

 * Due to space limitation, the connector of the audio cable and network cable should be within 30 mm (1-3/16") from the connector of the camera.

Appearance



Trademarks and registered trademarks

 Microsoft, and Windows are registered trademarks of Microsoft Corporation in the U.S. and other countries. UniPhier is a registered trademark of Panasonic Corporation.
 "Super Dynamic", "SDII", "SDII", "SD5,", "SD5Link", "I-PRO" and "I-PRO SmartHD" logos are trademarks or registered trademarks of Panasonic Corporation.
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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.

- 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.

Panasonic

http://panasonic.net/security/ Printed in Japan (2A-061GA)

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