

Super Dynamic Full HD Dome Network Camera

WV-SF539 WV-SF538



Full HD / 1,920 x1,080 H.264 Network Camera featuring Super Dynamic

Key Features

- Super high resolution at Full HD/1,920 x 1,080 created by 3.1Megapixel high sensitivity MOS Sensor.
- 1080p Full HD images up to 30 fps and 360p image up to 30fps simultaneously.
- Combining enhanced "UniPhier®", Panasonic's proprietary System LSI platform and 2 areas VIQS (Variable Image Quality on Specified area) function can decrease maximum 50%" network bandwidth.
- Cropping function enables to provide whole image (1,920 x 1,080) and the part image (640 x 360) simultaneously.
- Up to 4 image capture areas can be specified, and it is also possible to control the sequence.
- Picture in picture function: A cropping image or an alarm image can be added to an image and transmitted.
- Multiple H.264 (High profile) streams and JPEG streams ensure simultaneous real time monitoring and high resolution recording by enhanced "UniPhier®"
- Super Dynamic and ABS (Adaptive Black Stretch) technologies deliver 128x wider dynamic range compared to conventional cameras.
- Face Super Dynamic Range technology ensures clear face image.
- High sensitivity with Day & Night (IR) function:0.5 lx (Color), 0.06 lx (B/W) at F1.3 (WV-SF539)
- High sensitivity with Day & Night (Electrical) function:0.5 lx (Color), 0.3 lx (B/W) at F1.3 (WV-SF538)
- Using Panasonic distinctive LDC (Lens Distortion Compensation) function, natural image without distortion can be monitored though using wide angle lens.
- ABF (Auto Back Focus) ensures easy installation.
- ABF ensures stable focus in both color and B/W modes. (WV-SF539)
- 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 scene / Indoor scene (50 Hz) /
- Indoor scene (60 Hz) /Fixed electronic shutter Outdoor scene: Electronic shutter and ALC lens iris control are automatically controlled depending on the mode and luminance level. Indoor scene (50 Hz / 60 Hz): Flicker caused by fluorescent lightning will be automatically compensated.
- Fixed electronic shutter: Up to 1/10,000 fixed electronic shutter can be selectable.
- 3x Extra optical zoom at 360p resolution. (Picture Mode : 2 Mega pixel [16:9])
- 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
- Privacy Zone can mask up to 2 private areas, such as house windows and entrances/exits.

- information is sent by video stream.
- 2x, 4x digital zoom controlled by browser.

- · Camera title display: Up to 20 alphanumeric characters on the browser
- Alarm sources including 3 terminal input, VMD and Panasonic alarm command can trigger actions such as SDXC/SDHC/SD memory recording(WV-SF539), FTP image transfer, E-mail notification, Indication on browser, Alarm terminal output, and Panasonic alarm protocol output.
- Full duplex bi-directional audio allows interactive communication between camera site and monitoring site. (WV-SF539)
- 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.
- SDXC/SDHC/SD Memory card slot for manual recording (H.264 / JPEG), alarm recording (H.264 / JPEG) and backup upon network failure (JPEG) (WV-SF539)
- . 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 the Internet.
- Onvif compliant model
- 2.8 ~ 10.0 mm, 3.6x Varifocal Auto Iris Lens
- *1 Compared with WV-NP502. Reduction effect may vary depending on object and image quality setting conditions

Standard Accessories

- Installation Guide 1 pc.
- CD-ROM^{*1}
- Code Label*2
- The followings are for installation.

Optional Accessories



• Installation Template Label .

*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.

... 2 pcs. (incl. 1 spare)

· Cable Tie ..

Specifications

DISTRIBUTED BY:

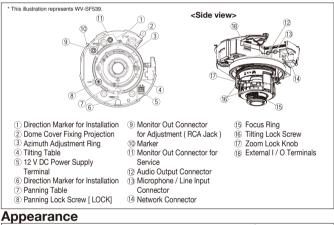
Camera	n		NTSC PAL	
	Image Sensor		1/3 type MOS Sensor	
	Effective Pixels		Approx. 3.1 megapixel	
	Scanning Mode		Progressive scan	
	Scanning Area		4.51 mm (H) x 3.38 mm (V) {3/16 inches (H) x 1/8 inches (V)}	
	Minimum Illumination		WV-SF539:	
			Color: 0.5 lx, BW: 0.06 lx (F1.3, Auto slow shutter: Off (1/30s), Gain:On(High	
			Color: 0.03 lx, BW 0.004 lx (F1.3, Auto slow shutter: Max. 16/30s, Gain:On(High))	
			WV-SF538:	
			Color: 0.5 lx, BW: 0.3 lx (F1.3, Auto slow shutter: Off (1/30s), Gain:On(High	
			Color: 0.03 lx, BW 0.02 lx (F1.3, Auto slow shutter: Max. 16/30s, Gain:On(High))	
	White Balance Light Control Mode		AWC (2,000 ~ 10,000 K), ATW1 (2,700 ~ 6,000 K), ATW2 (2,000 ~ 6,000	
			Outdoor scene: Automatic integration of ALC	
			Indoor scene [50 Hz]: Automatic integration of ALC (up to 1/100 s	
			Indoor scene [60 Hz]: Automatic integration of ALC (up to 1/120 s	
	Shutter Speed		Fix shutter: 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 (only at Super Dynamic Of	
	Super D	ynamic	ON / OFF	
	Dynamic Range		52 dB typ. (Super Dynamic: ON)	
	Face Super Dynamic		ON / OFF (Only at Super Dynamic: ON)	
	Adaptive Black Stretch		ON / OFF (Only at Super Dynamic: 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)	
	Day & Night		WV-SF539: IR	
			Mode: AUTO1 / AUTO2 / ON / OFF, Level:High / Low, with external contr	
			WV-SF538: Electrical	
	Digital Noise Reduction		Mode: OFF / AUTO	
	Video Motion Detection		4 areas, Sensitivity: 15 steps, Detection size: 10 steps	
	Privacy Zone		Up to 2 zones, Gray	
	Upside Down		ON / OFF	
	VIQS		Up to 2 zones	
	Camera Title (OSD)		Up to 20 characters (alphanumeric characters, marks)	
	Focus Adjustment		ABF/MANUAL	
	Lens Distortion Compensation			
Lens	Focal Le		2.8 mm - 10 mm, 3.6x (8.4 mm - 30 mm 10.8x with Extra optical zoom (at 360F	
	Angular Field of View ²		H: 24.2 °(TELE) ~ 80.6 °(WIDE) V: 13.50°(TELE) ~ 47.57°(WID	
	Maximum Aperture Ratio		1 : 1.3 (WIDE) ~ 1 : 3.0 (TELE)	
	Focusing Range		0.3 m ~ ∞	
Adjusting			Horizontal: 180 ° (clockwise), 170 ° (counterclockwise),	
lajaoning / inglo			Vertical: ±75 °, Image tilt adjustment range: ±100 °	
Browser	Cropping	n	H.264(2) / JPEG(VGA or 640 x 360) / JPEG(QVGA or 320 x 18	
GUI	- oropping	9	Up to 4 image capture areas can be specified	
	Camera	Control	Brightness, AUX ON / OFF, Zoom (1x, 2x 4x)	
			Spot, Quad: Image from 16 cameras can be displayed in 4 different Qua	
	Display Mode			
	D: 1: 1 7		screens or 16 split screen (JPEG only). 20 characters camera title availab	
	Digital Z		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 (Manu-	
	Alarm Control		Reset	
	One Shot Capture		A still picture will be displayed on a newly opened window.	
	Audio		Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higl	
			Audio Output: ON / OFF Volume adjustment: Low / Middle / High (Only at WV-SF539	
	SD Memory Data Download		Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloaded. (Only at WV-SF53	
	GUI/Setup Menu Language		English, Japanese, Italian, French, German, Spanish, Chinese, Russia	
	System Log		Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory	
	System	Log		
	System	Log	when the recording format is set to JPEG.) error logs (Only at WV-SF53	
		ed OS *3 *4	when the recording format is set to JPEG.) error logs (Only at WV-SF53	
	Support	ed OS *3 *4	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® XP SF	
	Support	-	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® XP SP Windows® Internet Explorer® 9.0 (32 bit), Windows® Internet Explorer® 8.0 (32 b	
Network	Support	ed OS *3 *4 ed Browser	when the recording format is set to JPEG.) error logs (Only at WV-SF53; Microsoft Windows 7, Microsoft Windows Vista [®] ,Microsoft Windows XP SF 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 SP	
Network	Supporte Supporte Network	ed OS *3 *4 ed Browser IF	when the recording format is set to JPEG.) error logs (Only at WV-SF53: Microsoft Windows ⁹ 7, Microsoft Windows Vista [®] ,Microsoft Windows ⁹ XP SF 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 SF 10Base-T / 100Base-TX, RJ-45 connector	
Network	Supporte Supporte Network Image	ed OS *3 *4 ed Browser IF Image Capture Mode:	when the recording format is set to JPEG.) error logs (Only at WV-SF53: Microsoft® Windows® 7, Microsoft® Windows Vista®,Microsoft® Windows® XP Sf Windows® Internet Explorer® 9.0 (32 bit), Windows® Internet Explorer® 8.0 (32 b Windows® Internet Explorer® 7.0 (32 bit), Microsoft® Internet Explorer® 6.0 Sf 10Base=T / 100Base=TX, RJ-45 connector H.264: 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps	
Network	Supporte Supporte Network Image	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9]	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft "Windows" 7, Microsoft" Windows Viste",Microsoft" Windows" AP Sf Windows" Internet Explore" 80 (32 bit), Windows" Internet Explore" 80 (32 bit), Windows" Internet Explore" 7.0 (32 bit), Microsoft" Internet Explore" 60 Sf 10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps DFEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fp	
Network	Supporte Supporte Network Image	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode:	when the recording format is set to JPEG.) error logs (Only at WV-SF33 Microsoft Windows 7, Microsoft Windows Vista", Microsoft Windows 7X 95 Windows Internet Explorer [®] 0.0 (32 bit), Windows [®] Internet Explorer [®] 0.0 (32 bit) Windows [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 0.0 SF 10Base-T / 100Base-TX, RJ-45 connector H.264 : 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG) : 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps H.264 : 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps	
Network	Supporte Supporte Network Image	IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9]	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Windows® 7, Microsoft® Windows Vista®,Microsoft® Windows® AP SF Windows® Internet Explore® 70.032 bit), Windows® Internet Explore® 70.032 Windows® Internet Explore® 7.0 (32 bit), Microsoft® Internet Explore® 6.0 SF 10Base-T / 100Base-TX, RJ-46 connector H.264: 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps	
Network	Supporte Supporte Network Image	IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode:	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Interest Explore [®] 80, 326 Windows [®] Internet Explore [®] 9, 032 bit), Windows [®] Internet Explore [®] 80, 326 Windows [®] Internet Explore [®] 7.0 (32 bit), Microsoft [®] Internet Explore [®] 6.0 Sf 10Base-T / 100Base-TX, RJ-45 connector H.264: 1, 202 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 20 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps	
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Network	Support Support Network Image Resolution	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel (163) Image Capture Mode: 1.3 mega pixel (43) Image Capture Mode: 3 mega pixel (43) Transmission Mode Frame Rate	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft "Windows" 7, Microsoft "Windows Vista", Microsoft "Windows" NP Si Windows" Internet Explore" 30 (32 bit), Microsoft "Internet Explore" 8.0 (32 bit) Microsoft "Windows" Internet Explore" 7.0 (32 bit), Microsoft "Internet Explore" 7.0 (32 bit), Microsoft "Internet Explore" 7.0 (32 bit), Microsoft "Internet Explore" 6.0 (32 bit), Microsoft "Internet Explore" 7.0 (32 bit), Microsoft "Internet Explore" 6.0 (32 bit), Microsoft "Internet Explore" 7.0 (32 bit), Microsoft "Internet Explore" 6.0 (32 bit), Microsoft "Internet Explore" 7.0 (32 bit), Microsoft "Internet Explore" 6.0 (32 bit), Microsoft "Internet Explore" 7.0 (32 bit), Microsoft "Internet Explore" 6.0 (32 bit), Microsoft "Internet Explore" 7.0 (32 bit), Microsoft "Internet Explore" 6.0 (32 bit), Microsoft "Internet Explore" 7.0 (32 bit), Microsoft "Internet Explore" 6.0 (32 bit), Microsoft "Internet Explore" 7.0 (30 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / AVGA(320 x 240), up to 30 fp H.264 : 1,280 x 960 / UGA(640 x 480) / AVGA(320 x 240), up to 30 ff H.264 : 1,280 x 960 / UGA(640 x 480) / AVGA(320 x 240), up to 30 ff H.264 : 1,280 x 960 / UGA(640 x 480) / AVGA(320 x 240), up to 30 ff H.264 : 1,280 x 960 / UGA(640 x 480) / AVGA(320 x 240), up to 30 ff H.264 : 1,280 x 960 / UGA(640 x 480) / AVGA(320 x 240), up to 30 ff H.264 : 1,280 x 960 / UGA(640 x 480) / AVGA(320 x 240), up to 30 ff H.264 : 1,280 x 960 / UGA(640 x 480) / AVGA(320 x 240), up to 30 ff H.264 : 1,280 x 960 / UGA(640 x 480) / AVGA(320 x 240), up to 30 ff H.264 : 1,280 x 960 / UGA(640 x 480) / AVGA(320 x 240), up to 30 ff H.264 : 1,280 x 960 / UGA(640 x 480) / AVGA(320 x 240), up to 30 ff H.264 : 1,280 x 960 / UGA(640 x 480) / AVGA(320 x 240), Up to 30 ff H.264 : 1,280 x 960 / UGA(40 x 480) / AVGA(320 x 240), Up to 30 ff H.264 : 1,280 x 960 / UGA(320 x 240) / UGA(320 x 240), Up to 30 ff H.264 : 1,280 x 960 / UGA(320 x 240) / UGA(320 x 240) / UGA(320 x 240) / UC	
Network	Support Support Network Image Resolution	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel (163) Image Capture Mode: 1.3 mega pixel (43) Image Capture Mode: 3 mega pixel (43) Transmission Mode Frame Rate	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Interest Explore [®] 80, 326 Windows [®] Internet Explore [®] 90, 326 bit, Windows [®] Internet Explore [®] 80, 326 UBase-T / 100Base-TX, RJ-45 connector H.264: 1, 220 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fp H.264: 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp JPEG (MJPEG): 2,048 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps	
Network	Support Support Network Image Resolution	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Vindows® 7, Microsoft® Windows® Itsta®, Microsoft® Windows® TxP Sf Windows® Internet Explore® 70.032 bit, Windows® Internet Explore® 60.032 Windows® Internet Explore® 7.0.032 bit, Microsoft® Internet Explore® 60.032 H284 N202 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,200 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,220 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 2,20 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE	
Network	Support Support Network Image Resolution	ed OS *3 *4 ad Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Interest Explore [®] 80, 326 Windows [®] Internet Explore [®] 90, 326 bit, Windows [®] Internet Explore [®] 80, 326 Windows [®] Internet Explore [®] 7.0 (32 bit), Microsoft [®] Internet Explore [®] 60, 357 10Base-T / 100Base-TX, RJ-45 connector H.264: 1,220 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,320 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fp H.264: 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp JPEG (MJPEG): 2,048 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps G4 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s	
Network	Support Support Network Image Resolution	ad OS *3 *4 ad Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [4:3] Image Capture Mode: 1.3 mega pixel [4:3] Image Capture Mode: 1.3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft" Windows" 7, Microsoft" Windows Vista", Microsoft" Windows" NP Sf Windows" Internet Explore" 30 (32 bit), Windows" Internet Explore" 8.0 (32 bit) Windows" Internet Explore" 7.0 (32 bit), Microsoft" Internet Explore" 8.0 (32 bit), Microsoft" Internet Explore" 7.0 (32 bit), Microsoft" Internet Explore" 6.0 (32 bit), Microsoft 1, 920 x 1, 080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 920 x 1, 080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp H.264 : 1, 280 x 960 / UGA(640 x 480) / QVGA(320 x 240), up to 30 fp H.264 : 1, 280 x 960 , up to 15 fps JPEG (MJPEG): 2, 048 x 1, 536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps G4 / 128 / 256 / 384 / 51 / 768 / 1, 024 / 1, 536 / 2,048 / 3,072 4,096 / 8, 192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST	
letwork	Support Support Network Image Resolution	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Image Quality	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Vindows® 7, Microsoft® Vindows Vista®, Microsoft® Vindows® TXP Sf Windows® Internet Explore® 70, 032 bit), Windows® Internet Explore® 60, 032 Undows® Internet Explore® 7,0 (32 bit), Microsoft® Internet Explore® 60, 054 10Base=T / 100Base=TX, RJ-45 connector H.264: 1,220 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps Gonstant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps	
letwork	Support Support Network Image Resolution	ed OS *3 *4 ad Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [4:3] Transmission Mode Bit Rate/Client Image Quality Refresh Interval Image Quality Image Quality Image Quality Refresh Interval	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Windows® 7, Microsoft® Windows Vista®,Microsoft® Windows® Text Windows® Internet Explore® 70.032 bit, Microsoft® Internet Explore® 60.054 Undows® Internet Explore® 70.032 bit, Microsoft® Internet Explore® 60.054 10Base=T / 100Base=TX, RJ-45 connector H.264: 1,202 v 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 20 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 2,048 x 1,200 / 400 x 360 / 320 x 180, up to 30 fp H.264: 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp JPEG (MJPEG): 2,048 x 1,536, up to 15 fps Constant birtate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 1 / 1 / 1 / 1 / 2 / 3 / 0 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps	
letwork	Support Support Network Image Resolution H.264 *5	ad OS *3 *4 ad Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [4:3] Image Capture Mode: 1.3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft "Windows" 7, Microsoft" Windows Vista", Microsoft" Windows" AP Si Windows" Internet Explore" 30 (32 bit), Windows" Internet Explore" 8.0 (32 bit), Microsoft" Internet Explore" 7.0 (32 bit), Microsoft" Internet Explore" 6.0 Sf 10Base-T / 100Base-TX, RJ-45 connector H.264: 1,280 x 10.080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp H.264: 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp H.264: 1,280 x 960, up to 15 fps DPEG (MJPEG): 2,048 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps ~ 30 fps PULL / PUSH	
Network	Support Support Network Image Resolution H.264 *5 JPEG Audio Compre	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Image Quality Refresh Interval Image Ouality Refresh Interval Image South W-5533	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Vindows® 7, Microsoft® Vindows Vista®, Microsoft® Vindows® TxP Sf Windows® Internet Explore® 70, 032 bit), Windows® Internet Explore® 80, 032 Undows® Internet Explore® 7,0 (32 bit), Microsoft® Internet Explore® 60, 054 10Base=T / 100Base=TX, RJ-45 connector H.264: 1,220 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps Gonstant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps – 30 fps PULL / PUSH 6.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps	
Vetwork	Support Support Network Image Resolution H.264 *5 JPEG	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [4:3] Transmission Mode Bit Rate/Client Image Quality Refresh Interval Transmission Type Refresh Interval Transmission Type sion "Ony at WN-SF539	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Vindows® 7, Microsoft® Vindows Vista®, Microsoft® Vindows® TxP Sf Windows® Internet Explore® 70.0 (32 bit), Microsoft® Internet Explore® 6.0 Sf 10Base=T / 100Base=TX, RJ-45 connector H.264: 1,220 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 20 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 900 / VCA(640 x 480) / QVGA(320 x 240), up to 30 fp H.264: 1,280 x 960 , up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7 5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps ~ 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic Line jnut / Audio output / Interactive (Falf duplex / Intera	
Network	Support Support Network Image Resolution H.264 *5 JPEG Audio Compre Audio Compre	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 7 amega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Image Quality Veffresh Interval Transmission Type Sisti Org WV-SF339 or Ado Chyl dWV-SF339	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft" Windows" 7, Microsoft" Windows Vista", Microsoft" Windows" AP Sf Windows" Internet Explore" 30 (32 bit), Windows" Internet Explore" 8.0 (32 bit), Microsoft" Internet Explore" 7.0 (32 bit), Microsoft" Internet Explore" 8.0 (32 bit), Microsoft" Internet Explore" 7.0 (32 bit), Microsoft" Internet Explore" 6.0 Sf JDEase-T / 100Base-TX, RJ-45 connector H.264: 1,202 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp H.264: 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp H.264: 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp H.264: 1,280 x 960, up to 15 fps JPEG (MJPEG): 2,048 x 1,536, up to 15 fps Constant birtate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 1 / 10 / 15 / 20 / 30 fps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.720 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic (Line) input / Audio output / Interactive (Full duplei Level 1 only / Level 2 higher / All users	
Network	Support Support Network Image Resolution H.264 *5 JPEG Audio Compre Audio Mode Authentication Total Bit	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Image Quality Refresh Interval Image South W-S539 or Only at W-S539 or Auto Only at W-S539	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Vindows® 17, Microsoft® Windows® Interest Explore® 30, 20 20 Windows® Internet Explore® 30, 20 20 bil, Windows® Internet Explore® 30, 20 20 Windows® Internet Explore® 7.0 (32 bil), Microsoft® Internet Explore® 60, 30 1DBase=T / 100Base=TX, RJ-45 connector H.264: 1, 220 x 1, 080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 920 x 1, 080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 220 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 220 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1, 280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 2, 204 x 1, 536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1, 024 / 1, 536 / 2, 048 / 3, 072 4, 096 / 8, 192 / 10, 240 / 12, 288 / 14, 336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAS	
Network	Support Support Network Image Resolution H.264 *5 JPEG Audio Compre Audio Mode Authentication Total Bit	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 7 amega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Image Quality Veffresh Interval Transmission Type Sisti Org WV-SF339 or Ado Chyl dWV-SF339	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® Text Windows® Internet Explore® 70.0 (32 bit), Microsoft® Internet Explore® 6.0 Sf 10Base=T / 100Base=TX, RJ-45 connector H.264: 1,202 v 1,080 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,920 v 1,080 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,920 v 20 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,280 v 720 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,280 v 720 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,280 v 720 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,280 v 720 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,280 v 170 / 640 v 360 / 320 v 180, up to 30 fp H.264: 1,280 v 960 / VGA(640 v 480) / QVGA(320 v 240), up to 30 fp JPEG (MJPEG): 2,048 v 150 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7 5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 42 Pinjher / Aul users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,086 / 8,192 kbps / Unlimit He. TOPIP, UDPI	
Network	Support Support Network Image Resolution H.264 *5 JPEG Audio Compre Audio Mode Authentication Total Bit	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Image Quality Refresh Interval Image South W-S539 or Only at W-S539 or Auto Only at W-S539	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® Text Windows® Internet Explore® 70.0 (32 bit), Microsoft® Internet Explore® 6.0 Sf 10Base=T / 100Base=TX, RJ-45 connector H.264: 1,202 v 1,080 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,920 v 1,080 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,920 v 20 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,280 v 720 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,280 v 720 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,280 v 720 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,280 v 720 / 640 v 360 / 320 v 180, up to 30 fps JPEG (MJPEG): 1,280 v 170 / 640 v 360 / 320 v 180, up to 30 fp H.264: 1,280 v 960 / VGA(640 v 480) / QVGA(320 v 240), up to 30 fp JPEG (MJPEG): 2,048 v 150 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7 5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps G.726 (ADPCM) 42 Pinjher / Aul users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,086 / 8,192 kbps / Unlimit He. TOPIP, UDPI	
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Network	Support Support Network Image Resolution H.264 *5 JPEG Audio Compre Audio Mode Autentication Total Bit Support	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Image Quality Refresh Interval Image Quality Refresh Interval Transmission Type son "Only at W-S539 a Auto Only at W-S539 Rate ad Protocol	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Vindows® 7, Microsoft® Vindows Vista®, Microsoft® Vindows® TxP Sf Windows® Internet Explore® 70, 032 bit), Windows® Internet Explore® 60, 054 Vindows® Internet Explore® 7,0 (32 bit), Microsoft® Internet Explore® 60, 054 10Base=T / 100Base=TX, RJ-45 connector H.264: 1,220 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 2,204 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps – 30 fps PPULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic (Line] input / Audio output / Interactive (Fall duplek / Interactive (Full duple Level 1 only / Level 2 higher / All users OFF / Mic (Line] input / Audio output / Interactive (Fall duplek / Interactive (Full duple 4 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimitit Pek TCP/P. UDP/P, HTTP, HTTPS, RTP, PTP, MTP, DNS, NTP, SNMP, DHCP, GINP, AP	
Network	Support Support Network Image Resolution H.264 *5 JPEG Audio Compre Audio Mode Authentication Total Bit	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Image Quality Refresh Interval Image Quality Refresh Interval Transmission Type son "Only at W-S539 a Auto Only at W-S539 Rate ad Protocol	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Vindows® 1, Microsoft® Vindows Vista®, Microsoft® Vindows® Text Windows® Internet Explore® 30 (32 bit), Windows® Internet Explore® 6.0 Sf 10Base=T / 100Base=TX, RJ-45 connector H.264: 1,220 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 20 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 960 / VCA(640 x 480) / QVGA(320 x 240), up to 30 fp H.264: 1,280 x 960, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7 5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps – 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic (Line) input / Audio output / Interactive (Falf duplex / Interactive (Full duple Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,48 / 4,096 / 8,192 kbps / Unlimite 16% TO/Pin, UDP/P, HTTP, HTTP, RTP, RTP, RTP, MTP, MTP, PICP, FIP, SMTP, DHCP, DNS, DON NTP, SMMP, UPAP, JGMP, ZMP, AP	
Network	Support Support Network Image Resolution H.264 *5 JPEG Audio Compre Audio More Auton More Audio Information Total Bit Support	ad OS *3 *4 ad Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [4:3] Image Capture Mode: 1.3 mega pixel [4:3] Image Capture Mode: 7 mange Capture Mode: Frame Rate Bit Rate/Client Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type ando '0h/at W-S539 α dudo '0h/at W-S539 Rate ad Protocol nt	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft" Windows ⁶ 7, Microsoft" Windows Vista", Microsoft" Windows ⁶ N2 Sf Windows ⁶ Internet Explore" 9.0 (32 bit), Windows ⁶ Internet Explore" 8.0 (32 bit), Microsoft" Internet Explore" 7.0 (32 bit), Microsoft" Internet Explore" 6.0 Sf 10Base-T / 100Base-TX, RJ-45 connector H.264: 1,202 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 2,0 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / OVGA(320 x 240), up to 30 fp H.264 : 1,280 x 960 / VGA(640 x 480) / OVGA(320 x 240), up to 30 fp JPEG (MJPEG): 2,2048 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic (Line) input / Adio uput / Interactive (Fall duplek) / Interactive (Fall duplek) Level 1 only / Level 2 higher / All users 64 / 128 / 286 / 384 / 512 / 786 / 1,024 / ,096 / 8,192 kbps / Unimiti 1 % 507(P) UDPIP, HTTP, HTTPS, RTSP, RTP, RTP, PTP, PTP, NS, PT, SMMP, D4CP, DNS, DN NTP, SMMP, UPAP, GMP, APAP	
Network	Support Support Support Network Image Resolution H.264 *5 JPEG Audio Compre Audio Mode Authentication Total Bit Support FTP Clie No. of Sir	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [4:3] Transmission Mode Image Caputer Mode: 3 mega pixel [4:3] Transmission Type Bit Rate/Client Image Quality Refresh Interval Transmission Type Sion 'Ony at W-SF539 or Audo 'O	when the recording format is set to JPEG.) error logs (Only at WV-SF33 Microsoft* Windows* 0.02 bit, Windows* Internet Explore* 8.0 (28 Windows* Internet Explore* 7.0 (32 bit), Microsoft* Internet Explore* 8.0 (32 Windows* Internet Explore* 7.0 (32 bit), Microsoft* Internet Explore* 8.0 (32 Windows* Internet Explore* 7.0 (32 bit), Microsoft* Internet Explore* 8.0 (32 H.264: 1,220 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 2,204 x 720 / 640 x 360 / 200 x 180, up to 30 fps JPEG (MJPEG): 2,204 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7 5 12 / 1 / 0 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 LOW / NORMAL / FINE 0.20 / 0,25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.71 fps - 30 fps G/726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps GFF / Mic (Line) input / Audio output / Interactive	
Network	Support Support Support Network Image Resolution H.264 *5 JPEG Audio Compre Audio Mode Aufiertication Total Bit Support FTP Clie No. of Sir SDXC/S	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [4:3] Transmission Mode Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type sion "Ony at WI-SF39 Rate ad Protocol nt nultaneous Users DHC/SD	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® AP Sf Windows® Internet Explore® 70.0 (32 bit), Microsoft® Internet Explore® 6.0 Sf 10Base=T / 100Base=TX, RJ-45 connector H.264: 1,202 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 20 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fp H.264: 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 900, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 1 / 1 / 1 / 5 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,546 / 2,048 / 3,072 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,545 s UNICAST / MULTICAST 10 steps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,546 / 2,048 / 3,072 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,58 / 14 / 158 / 10 / 14 / 158 / 12 / 16 / 12 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,248 / 14 / 158 / 10 / 14 / 158 / 12 / 768 / 1,024 / 12 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimit 1% TCP/P, UDP/P, HTP, HTPS, RTP, RTP, RTP, RTP, RTP, SMTP, DHCP, DNS, DNN NTP, SMMP, UPA, JGMP, JGMP	
Network	Support Support Support Network Image Resolution H.264 *5 JPEG Audio Mode Authentication Total Bit Support FTP Clie No. of Sir SDXC/S Memory	ad OS *3 *4 ad Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [4:3] Image Capture Mode: 7 amga pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Sisin 'Only at W-ST39 or Audo 'Ohly	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft" Windows" 7, Microsoft" Windows Vista", Microsoft" Windows" AP Si Windows" Internet Explore" 30 (32 bit), Windows" Internet Explore" 80 (32 bit), Microsoft" 10 Base-T / 100 Base-T X, RJ-45 connector H.264: 1,202 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / OVGA(320 x 240), up to 30 fp H.264 : 1,280 x 960 / VGA(640 x 480) / OVGA(320 x 240), up to 30 fp JPEG (MJPEG): 2,204 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic (Line) input / Audio uput / Interactive (Half duplex) / Interactive (Full duplex) Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 786 / 1,024 / ,096 / 8,192 kbps / Unimiti 1 % 507(P) UDPIP, HTTP, HTTPs, RTSP, RTP, RTP, PTP, MTP, DHCP, DNS, DNS, MTP, SMMP, UPA, DMP, MEN, PS, MTP, SMMP, UPA, DMP, CMP, PA, PA, PA, TP, PIS, PTP, SMTP, DKPC, PLOK, DMA / P4, TCPIP, UDPIP, HTP, HTTPS, RTSP, RTP, RTP, PTP, SMTP, DHCP6, DNS, DNS, DNS NTP, SMMP, UPA, DMP, CMP, APR STP, FIP, SMTP, RTP, PTP, SMTP, DHCP6, DNS, DNS, DNS NTP, SMMP, UPA, PG, MP, CMP, APR STP, STP, MTP, RTP, PTP, PC, PTP, SMTP, DHCP6, DNS, DNS, DNS NTP, SMMP, UPA, DMP, CMP, APR STP, STP, STP, RTP, RTP, PTP, SMTP, DHCP6, DNS, DNS, DNS NTP, SMMP, UPA, DMP, CMP, APR STP, STP, STP, RTP, RTP, PTP, PTP, SMTP, DHCP6, DNS, DNS, DNS NTP, SMMP, UPA, DMP,	
Network	Support Support Support Network Image Resolution H.264 *5 JPEG Audio Mode Authentication Total Bit Support FTP Clie No. of Sir SDXC/S Memory	ed OS *3 *4 ed Browser IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [4:3] Transmission Mode Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type sion "Ony at WI-SF39 Rate ad Protocol nt nultaneous Users DHC/SD	when the recording format is set to JPEG.) error logs (Only at WV-SF53 Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® AP Sf Windows® Internet Explore® 70.0 (32 bit), Microsoft® Internet Explore® 6.0 Sf 10Base=T / 100Base=TX, RJ-45 connector H.264: 1,202 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 20 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fp H.264: 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 900, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 1 / 1 / 1 / 5 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,546 / 2,048 / 3,072 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,545 s UNICAST / MULTICAST 10 steps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,546 / 2,048 / 3,072 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,58 / 14 / 158 / 10 / 14 / 158 / 12 / 16 / 12 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,248 / 14 / 158 / 10 / 14 / 158 / 12 / 768 / 1,024 / 12 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimit 1% TCP/P, UDP/P, HTP, HTPS, RTP, RTP, RTP, RTP, RTP, SMTP, DHCP, DNS, DNN NTP, SMMP, UPA, JGMP, JGMP	

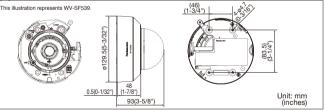
TV System		NTSC	PAL	
Network	Mobile Terminal Compatibility'6	iPad, iPhone, iPod touch (iOS 4.2.1 or later), Android™ mobile terminals		
	Face Detection	ON / OFF (with XML notification)		
Alarm	Alarm Source	WV-SF539		
		3 terminals input, VMD, Command alarm		
		WV-SF538		
		1 terminal input, VMD, Command alarm		
	Alarm Actions	SDXC/SDHC/SD memory recording*, E-mail notification, Indication on		
		browser, FTP image transfer, Panasonic protocol output *Only at WV-SF539		
	Alarm Log	With SDXC/SDHC/SD memory card*: 5,000 logs,		
	-	without SDXC/SDHC/SD memory card: 1000 logs *Only at WV-SF539		
	Schedule	Alarm / VMD / Access permission / H.264 recording		
Input/	Monitor Output	VBS: 1.0 V [p-p]/75 Ω,	VBS: 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		
	*Only at WV-SF539	(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) Line level		
	*Only at WV-SF539			
	External I/O Terminals	WV-SF539		
		ALARM IN 1/DAY/NIGHT IN, ALARM IN 2/ALARM OUT, ALARM IN 3/AUX OUT		
		WV-SF538		
		ALARM IN , ALARM OUT, AUX OUT		
General	Safety/EMC Standard	UL (UL60950-1), FCC (Part15 ClassA),	CE, IEC60950-1	
		C-UL (CAN/CSA C22.2 No.60950-1),	(EN55022 ClassB, EN55024)	
		DOC (ICES003 ClassA)		
	Power Source and	WV-SF539		
	Power Consumption	12V DC: 530 mA*, PoE (IEEE802.3af compliant) / PoE 48 V: 120 mA (Class 2 device)		
		WV-SF538		
		12V DC: 510 mA *, PoE (IEEE802.3af compliant) / PoE 48 V: 115 mA (Class 2 device)		
		* FOR UL LISTED MODEL(S), ONLY CONNECT 12 V DC CLASS 2 POWER SUPPLY.		
	Ambient Operating Temperature			
	Ambient Operating Humidity	Less than 90 % (no condensation)		
	Dimensions	ø129.5 mm x 93 mm (H) {ø5-1/8 inches x 3-11/16 inches (H)}		
	Mass (approx.)	450 g (0.99 lbs)		
	Finish	Main body: ABS resin, sail white		
		Dome section: Clear acrylic resin		

1 Converted value
 2 If "1.3 megapixel [4:3]" is selected for the imaging mode, the viewing angle will become narrower.
 3 Refer to "Notes on Windows Vista" / Windows" 7' on the provided CD-ROM for further information about system requirements for a PC and precautions when using Microsoft" Windows 7 or Microsoft" Windows Vista".

Microsoft[®] Windows Vista[®]. ⁴ When using IPv6 for communication, use Microsoft[®] Windows[®] 7 or Microsoft[®] Windows Vista[®]. ⁴5 Transmission for 2 streams can be individually set in the same compression method. ⁶ For further information about compatible devices, refer to our website (http://panasonic.net/pss/security/support/info.html).

Part Names and Functions





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 Safety Precaution: carefully read the operating instructions and installation manual before using this product.
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