

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%\*1 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 information is sent by video stream.
- 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 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 ..... 1 pc.

- **Optional Accessories**

Embedded Ceiling Mount Bracket (Sail white) WV-Q174

Smoke Dome Cover WV-CF5S



. 1 pc.

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



\*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.

• Installation Template Label ....

Cable Tie .....

 Code Label\*2 ..... 1 pc. The followings are for installation. 

### **Specifications**

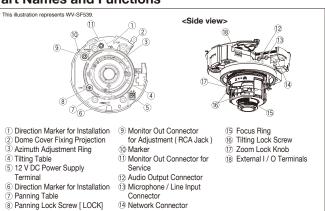
Camera	n Image Se	ensor	NTSC PAL 1/3 type MOS Sensor	
	Image Sensor		1/3 type MOS Sensor	
	Effective Pixels		Approx. 3.1 megapixel	
	Scanning Mode Scanning Area Minimum Illumination		Progressive scan	
			4.51 mm (H) x 3.38 mm (V) {3/16 inches (H) x 1/8 inches (V)}	
			WV-SF539:	
			Color: 0.5 lx, BW: 0.06 lx (F1.3, Auto slow shutter: Off (1/30s), Gain:On(High)	
			Color: 0.03 Ix, BW 0.004 Ix (F1.3, Auto slow shutter: Max. 16/30s, Gain:On(High)) *	
	White Balance Light Control Mode Shutter Speed Super Dynamic Dynamic Range Face Super Dynamic			
			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)) *	
			AWC (2,000 ~ 10,000 K), ATW1 (2,700 ~ 6,000 K), ATW2 (2,000 ~ 6,000 K	
			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)	
			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 Off	
			ON / OFF	
			52 dB typ. (Super Dynamic: ON)	
			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	
	buy unight		Mode: AUTO1 / AUTO2 / ON / OFF, Level:High / Low, with external contro	
	Digital Noise Reduction			
			WV-SF538: Electrical	
			Mode: OFF / AUTO	
			High / Low	
	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)	
			ABF/MANUAL	
	Focus Adjustment Lens Distortion Compensation			
Lens	Focal Length		2.8 mm - 10 mm, 3.6x (8.4 mm - 30 mm 10.8x with Extra optical zoom (at 360P))	
	Angular I	Field of View <sup>2</sup>	H: 24.2 °(TELE) ~ 80.6 °(WIDE) V: 13.50°(TELE) ~ 47.57°(WIDE)	
	Maximum Aperture Ratio		1 : 1.3 (WIDE) ~ 1 : 3.0 (TELE)	
	Focusing Range		0.3 m ~ ∞	
Adjusting	Angle		Horizontal: 180 ° (clockwise), 170 ° (counterclockwise),	
			Vertical: ±75 °, Image tilt adjustment range: ±100 °	
Browser	Cropping	3	H.264(2) / JPEG(VGA or 640 x 360) / JPEG(QVGA or 320 x 180)	
gui			Up to 4 image capture areas can be specified	
001	Ormana Ormanal			
	Camera Control		Brightness, AUX ON / OFF, Zoom (1x, 2x 4x)	
	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.	
			Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High,	
	Audio			
			Audio Output: ON / OFF Volume adjustment: Low / Middle / High (Only at WV-SF539)	
	SD Memory Data Download GUI/Setup Menu Language System Log Supported OS *3 *4		Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloaded. (Only at WV-SF539)	
			English, Japanese, Italian, French, German, Spanish, Chinese, Russian	
			Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory	
			when the recording format is set to JPEG.) error logs (Only at WV-SF539)	
			Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® XP SP3	
			Windows® Internet Explorer® 9.0 (32 bit), Windows® Internet Explorer® 8.0 (32 bit)	
		ed Browser		
		ed Browser	Windows® Internet Explorer® 7.0 (32 bit). Microsoft® Internet Explorer® 6.0 SP3	
Network	Supporte		Windows® Internet Explorer® 7.0 (32 bit), Microsoft® Internet Explorer® 6.0 SP3 10Base-T / 100Base-TX_B.I-45 connector	
Network	Supporte Network	IF	10Base-T / 100Base-TX, RJ-45 connector	
Network	Supporte Network Image	IF Image Capture Mode:	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 Network Image	IF Image Capture Mode: 2 mega pixel [16:9]	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	
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Network	Supporte Network Image	IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9]	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 JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps	
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Network	Supporte Network Image	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]	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 JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps H.264: 1,280 x 960 / VGA(640 x 480) / VGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / VGA(320 x 240), up to 30 fps	
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Network	Supporte Network Image Resolution	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: 3 mega pixel [4:3] Transmission Mode Frame Rate	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 JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps H.264: 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 800 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 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	
Network	Supporte Network Image Resolution	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: 3 mega pixel [4:3] Transmission Mode Frame Rate	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(40 × 480) / OVGA(320 × 240), up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(40 × 480) / OVGA(320 × 240), up to 30 fps JPEG (MJPEG): 2,048 × 1,536, up to 15 fps JPEG (MJPEG): 2,048 × 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps 6 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 /	
Network	Supporte Network Image Resolution	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: 3 mega pixel [4:3] Transmission Mode Frame Rate	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 JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps H.264: 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 800 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 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	
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Network	Supporte Network Image Resolution	IF Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [4:3] Image Capture Mode: 3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality	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 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(40 x 480) / QVGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(40 x 480) / QVGA(320 x 240), up to 30 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 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	Supporte Network Image Resolution	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/Cilent Image Quality Refresh Interval	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 720 / 640 × 360 / 320 × 180, up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 920 / 640 × 360 / 0VGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / 0VGA(320 × 240), up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / 0VGA(320 × 240), up to 30 fps H.264: 1,280 × 960, up to 15 fps JPEG (MJPEG): 2,048 × 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	Supporte Network Image Resolution H.264 *5	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 Transmission Type	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 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 / 0VGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / 0VGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / 0VGA(320 x 240), up to 30 fps JPEG (MJPEG): 2,048 x 15,36, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 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	
Network	Supporte Network Image Resolution	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	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 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 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 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 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	
Network	Supporte Network Image Resolution H.264 *5	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	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 JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps H.264: 1,280 x 960 / VGA(640 x 480) / VGA(320 x 240), 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 240), up to 30 fps JPEG (MJPEG): 2,048 x1,536, 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 / 1,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps	
Network	Supporte Network Image Resolution H.264 *5	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 Firame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 720 / 640 × 360 / 320 × 180, up to 30 fps H.264: 1,280 × 760 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps JPEG (MJPEG): 2,048 × 1,536, up to 15 fps DPEG (MJPEG): 2,048 × 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	
Network	Supporte Network Image Resolution H.264 *5 JPEG	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 Transmission Type Image Quality Refresh Interval Transmission Type	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 JPEG (MJPEG): 1,820 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,820 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,820 x 720 / 640 x 360 / 0VGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / 0VGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / 0VGA(320 x 240), up to 30 fps JPEG (MJPEG): 2,048 x 15,36, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 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	Supporte Network Image Resolution H.264 *5 JPEG Audio Compre	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 Ouality Refresh Interval Image Ouality Refresh Interval Transmission Type sion 'Ong #W-5539	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 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) / VGA(320 x 240), up to 30 fps 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	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compres Audio Compres	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 Image Quality Refresh Interval Transmission Type Serfersh Interval Transmission Type Original Wi-SF339	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(40 × 480) / OVGA(320 × 240), up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(40 × 480) / OVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(40 × 480) / OVGA(320 × 240), up to 30 fps H.264: 1,280 × 960, up to 15 fps JPEG (MJPEG): 2,048 × 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 G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF /ML (Line ] nput / Audio output / Interactive (Full duplex) / Interactive (Full duplex)	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compres Audio Compres	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 Image Quality Refresh Interval Transmission Type Serfersh Interval Transmission Type Original Wi-SF339	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(40 × 480) / OVGA(320 × 240), up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(40 × 480) / OVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(40 × 480) / OVGA(320 × 240), up to 30 fps H.264: 1,280 × 960, up to 15 fps JPEG (MJPEG): 2,048 × 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 G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF /ML (Line ] nput / Audio output / Interactive (Full duplex) / Interactive (Full duplex)	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compres Audio Mode Auterictation E	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 Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Image Quality Volty at WV-SF39 volto 'Chy at WV-SF39 volto 'Chy at WV-SF39 volto 'Chy at WV-SF39	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 JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 0VGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 0VGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / 0VGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / 0VGA(320 x 240), up to 30 fps JPEG (MJPEG): 2,048 x 15,36, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 768 / 1,02 / 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 (Full duplex / Interactive (Ful	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compres Audio Compres Audio Mode Authentication for Total Bit	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 Ouality Refresh Interval Transmission Type sion 'Ony at W-5539 a Audo 'Ony at W-5539 a Audo 'Ony at W-5539	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 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 / 0VGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / 0VGA(320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / 0VGA(320 x 240), up to 30 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 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 GF7 //lic (Line) input / Audio output / Interactive (Full duplex Level 1 only / Level 2 higher / All users	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compres Audio Compres Audio Mode Authentication for Total Bit	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 Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Image Quality Volty at WV-SF39 volto 'Chy at WV-SF39 volto 'Chy at WV-SF39 volto 'Chy at WV-SF39	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960, up to 15 fps JPEG (MJPEG): 2,048 × 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 G.726 (ADPCM) 32 kbps / 16 kbps, G,711 64 kbps GF/ Mic (Ine) input / Audio output / Interactive (Full duplex / Interactive (Full duplex / Interactive (Full duplex / Interactive Full duplex / Interactive	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compres Audio Compres Audio Mode Authentication for Total Bit	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 Ouality Refresh Interval Transmission Type sion 'Ony at W-5539 a Audo 'Ony at W-5539 a Audo 'Ony at W-5539	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960, up to 15 fps JPEG (MJPEG): 2,048 × 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 G.726 (ADPCM) 32 kbps / 16 kbps, G,711 64 kbps GF/ Mic (Ine) input / Audio output / Interactive (Full duplex / Interactive (Full duplex / Interactive (Full duplex / Interactive Full duplex / Interactive	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compres Audio Compres Audio Mode Authentication for Total Bit	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 Ouality Refresh Interval Transmission Type sion 'Ony at W-5539 a Audo 'Ony at W-5539 a Audo 'Ony at W-5539	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,820 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,820 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,820 × 720 / 640 × 360 / 0VGA(320 × 240), up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / 0VGA(320 × 240), up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / 0VGA(320 × 240), up to 30 fps JPEG (MJPEG): 2,048 × 15,36, 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 / 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 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 (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 51 / 768 / 1,024 / 4,086 / 8,192 kbps / Unlimited IP4: T02/P, UDP/P, HTTP, HTTP, RTP, FTP, SMTP, DMS, MTP, SMMP, DHCPA(B) APAF IP4: T02/P, UDP/P, HTTP, HTTP, RTP, RTP, RTP, RTP, RTP, RTP, CTP, PT, SMTP, DMS, PLOCHO, DK, DMS, PLOCHO,	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compres Audio Compres Audio Mode Authentication fo Total Bit Supporte	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 Transmission Type sion "Only at WV-5539 Audo Only at WV-5539 Audo Only at WV-5539 Audo Only at WV-5539	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,980 / 640 × 360 / 320 × 180, up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / OVGA(320 × 240), up to 30 fp JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 0VGA(320 × 240), up to 30 fp JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / OVGA(320 × 240), up to 30 fp JPEG (MJPEG): 1,280 × 960 / UGA(640 × 480) / OVGA(320 × 240), up to 30 fp H.264: 1,280 × 960 , up to 15 fps DFEG (MJPEG): 2,048 × 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 G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 Jingher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimitter IP4: TCP/IP, UDP/IP, HTTP, HTTP8, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCP-6,/CMP, ARP IP4: TCP/IP, UDP/IP, HTTP, HTTP8, RTP, FTP, RTP, RTP/RTCP, FTP, SMTP, DHCP, DNS, DNS, NTP, SMMP, UP4P, GMP, GMP, AAP	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compres Audio Compres Audio Mode Authentication for Total Bit	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 Transmission Type sion "Only at WV-5539 Audo Only at WV-5539 Audo Only at WV-5539 Audo Only at WV-5539	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fp H.264: 1,280 × 960, up to 15 fps JPEG (MJPEG): 2,048 × 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 G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps GFT //Mc (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 84 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimite IP4: TOP/R, UDP/R, HTTP, HTTP, RTP, RTP, RTP/RTCP,FTP, SMTP, DHCP, DNS, DNS, NTP, SMMP, UPP-Q/GMP,APA	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compre Audio Compre Audio Compre Audio Mode Autentication 6 Total Bit Supporte	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: 3 mega pixel [16:3] Transmission Mode Frame Rate Bit Rate/Client Bit Rate/Client Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Image Quality Voly at WI-S753 Addo 'Only at WI-S753 Rate ad Protocol	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,820 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps JPEG (MJPEG): 2,048 × 15,36, 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 (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 4,086 / 8,192 kbps / Unlimitet IP4: TCP/P, UDP/P, HTTP, HTTP, RTP, RTP, RTP, RTP, NMP, DHCPA; 0,NS, DDS, NT _ SMMP, UPA; IMP AND	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compre Audio Compre Audio Compre Audio Mode Autentication 6 Total Bit Supporte	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 Transmission Type sion "Only at WV-5539 Audo Only at WV-5539 Audo Only at WV-5539 Audo Only at WV-5539	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps H.264: 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fp H.264: 1,280 × 960, up to 15 fps JPEG (MJPEG): 2,048 × 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 G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps GFT //Mc (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 84 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimite IP4: TOP/R, UDP/R, HTTP, HTTP, RTP, RTP, RTP/RTCP,FTP, SMTP, DHCP, DNS, DNS, NTP, SMMP, UPP-Q/GMP,APA	
Network	Supporte Network Image Resolution H.264 * <sup>5</sup> JPEG Audio Compre Audio Mode Authentization K Total Bit Supporte FTP Clien No. of Sin	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 sion 'Ony at W-5539 vAudo Ony at W-5539 vAudo	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps H.264: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 0VGA(320 × 240), up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / 0VGA(320 × 240), up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / 0VGA(320 × 240), up to 30 fps JPEG (MJPEG): 2,048 × 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 G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / ML Line (Line) input / Audio output / Interactive (Full duplex Level 1 only / Level 2 bingher / All users 84 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimited IP4: TDP/I, UDP/I, HTTP, HTTP, RTP, RTP, RTP, RTP, RTP, RTP, RTP,	
Network	Supporte Network Image Resolution H.264 *5 JPEG Autio Mode Auteritation f Total Bit Supporte FTP Clier No. of Sim SDXC/SI	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: 3 mega pixel [4:3] Transmission Mode Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type State Only at W-SF339 Rate Protocol nt Image Protocol Nt Imag	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps JPEG (MJPEG): 2,048 × 1,536, up to 15 fps JPEG (MJPEG): 2,048 × 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 G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps GF/ Mic (Ine) input / Audio output / Interactive (Fall duplex / Interactive (Fall duplex / Interactive (Fall duplex / 10,246 / 128 / 256 / 384 / 512 / 768 / 10,248 / 3,078 / 4,096 / 8,192 kbps / Unlimitee Heit TPM, UP/IB, HTTP, RTP, RTP, RTP, RTP, RTP, RTP, RTP,	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compre Audio Compre Audio Compre Audio Compre Audio Compre FTP Cliel No. of Sin SDXC/SI Mernory	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: 3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Image Quality Only at WV-5539 ar Audo 'Only at WV-5539 ar Audo	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 X 1080 / 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 1,080 / 640 X 360 / 320 X 180, up to 30 fps JPEG (MJPEG): 1,820 X 720 / 640 X 360 / 320 X 180, up to 30 fps JPEG (MJPEG): 1,820 X 720 / 640 X 360 / 0VGA(320 X 240), up to 30 fps JPEG (MJPEG): 1,280 X 960 / VGA(640 X 480) / OVGA(320 X 240), up to 30 fps JPEG (MJPEG): 1,280 X 960 / VGA(640 X 480) / OVGA(320 X 240), up to 30 fps JPEG (MJPEG): 2,048 X 15,36, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps G / 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 (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimited IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNCP, DNCP, DNS, DNS, NTP, SMMP, UP4/IPM/IPGAPE / DAI Users G / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 4,096 / 192 kbps / Unlimited IP4: TCP/IP, UDP/IP, HTTP, RTP, PFP SMTP, DNCP, PR, SUMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, RTP, SMTP, DNCP, CP7, SUMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, MTP, MTP, RTP, RTP, RTP, RTP, CP7, PS, SUMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, MAPI/UPAPE IP4: TCP/IP, UDP/IP, MAPI/UPAPE IP4: TCP/IP, UDP/IP, MAPI/UPAPE IP4: TCP/IP, UDP/IP, MAPI/UPA	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compre Audio Compre Audio Compre Audio Compre Audio Compre FTP Cliel No. of Sin SDXC/SI Mernory	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: 3 mega pixel [4:3] Transmission Mode Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type State Only at W-SF339 Rate Protocol nt Image Protocol Nt Imag	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 X 1080 / 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 1,080 / 640 X 360 / 320 X 180, up to 30 fps JPEG (MJPEG): 1,820 X 720 / 640 X 360 / 320 X 180, up to 30 fps JPEG (MJPEG): 1,820 X 720 / 640 X 360 / 0VGA(320 X 240), up to 30 fps JPEG (MJPEG): 1,280 X 960 / VGA(640 X 480) / OVGA(320 X 240), up to 30 fps JPEG (MJPEG): 1,280 X 960 / VGA(640 X 480) / OVGA(320 X 240), up to 30 fps JPEG (MJPEG): 2,048 X 15,36, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps G / 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 (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimited IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNCP, DNCP, DNS, DNS, NTP, SMMP, UP4/IPM/IPGAPE / DAI Users G / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 4,096 / 192 kbps / Unlimited IP4: TCP/IP, UDP/IP, HTTP, RTP, PFP SMTP, DNCP, PR, SUMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, RTP, SMTP, DNCP, CP7, SUMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, MTP, MTP, RTP, RTP, RTP, RTP, CP7, PS, SUMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, MAPI/UPAPE IP4: TCP/IP, UDP/IP, MAPI/UPAPE IP4: TCP/IP, UDP/IP, MAPI/UPAPE IP4: TCP/IP, UDP/IP, MAPI/UPA	
Network	Supporte Network Image Resolution H.264 *5 JPEG Audio Compre Audio Compre Audio Compre Audio Compre Audio Compre FTP Cliel No. of Sin SDXC/SI Mernory	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: 3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Image Quality Only at WV-5539 ar Audo 'Only at WV-5539 ar Audo	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,920 × 1,080 / 640 × 360 / 320 × 180, up to 30 fps JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps H.264: 1,280 × 720 / 640 × 360 / QVGA(320 × 240), up to 30 fps JPEG (MJPEG): 1,280 × 720 / 640 × 360 / QVGA(320 × 240), up to 30 fps JPEG (MJPEG): 1,280 × 720 / 640 × 360 / QVGA(320 × 240), up to 30 fps JPEG (MJPEG): 1,280 × 960 / VGA(640 × 480) / QVGA(320 × 240), up to 30 fps JPEG (MJPEG): 2,048 × 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 G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic Linei Input / Audo uptur / Interactive (Full duplex / Interactive (Full duplex / Interactive (Full duplex / Interactive (Full duplex / Interactive Fill	
Network	Supporte Network Image Resolution H.264 *5 JPEG Autio Mode Auteritation f Total Bit Supporte FTP Clier No. of Sin SDXC/SI Memory at 1	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: 3 mega pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Image Quality Only at WV-5539 ar Audo 'Only at WV-5539 ar Audo	10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 X 1080 / 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 1,080 / 640 X 360 / 320 X 180, up to 30 fps JPEG (MJPEG): 1,820 X 720 / 640 X 360 / 320 X 180, up to 30 fps JPEG (MJPEG): 1,820 X 720 / 640 X 360 / 0VGA(320 X 240), up to 30 fps JPEG (MJPEG): 1,280 X 960 / VGA(640 X 480) / OVGA(320 X 240), up to 30 fps JPEG (MJPEG): 1,280 X 960 / VGA(640 X 480) / OVGA(320 X 240), up to 30 fps JPEG (MJPEG): 2,048 X 15,36, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps G / 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 (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimited IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNS, MTP, SMMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, HTTP, RTP, FTP, SMTP, DNCP, DNCP, DNS, DNS, NTP, SMMP, UP4/IPM/IPGAPE / DAI Users G / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 4,096 / 192 kbps / Unlimited IP4: TCP/IP, UDP/IP, HTTP, RTP, PFP SMTP, DNCP, PR, SUMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, HTTP, RTP, SMTP, DNCP, CP7, SUMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, MTP, MTP, RTP, RTP, RTP, RTP, CP7, PS, SUMP, DHCPA(0)APAPE IP4: TCP/IP, UDP/IP, MAPI/UPAPE IP4: TCP/IP, UDP/IP, MAPI/UPAPE IP4: TCP/IP, UDP/IP, MAPI/UPAPE IP4: TCP/IP, UDP/IP, MAPI/UPA	

TV System		NTSC	PAL	
Network	Mobile Terminal Compatibility'6	iPad, iPhone, iPod touch (iOS 4.2.1	or later), Android <sup>™</sup> 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	nonaural input) (Applicable microphone: Plug-in power type)		
		Supply voltage: 2.5 V $\pm$ 0.5 V Input impedance: approx. 2 k $\Omega$		
	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),		
		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)		
	Archiert Or cetter Terroret	* FOR UL LISTED MODEL(S), ONLY CONNECT 12 V DC CLASS 2 POWER SUPPLY10 °C ~ +50 °C (14 °F ~ 122 °F)		
	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)}		
		0129.5 mm x 93 mm (H) {05-1/8 inches x 3-11/16 inches (H)} 450 g (0.99 lbs)		
	Mass (approx.)	Main body: ABS resin, sail white		
	Fillioff	Dome section: Clear acrylic resin		
	1	Dome section. Clear acrylic resi		

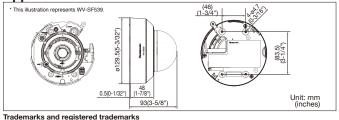
<sup>11</sup> Converted value <sup>12</sup> If "1.3 megapixel [4:3]" is selected for the imaging mode, the viewing angle will become narrower. <sup>13</sup> Refer to "Notes on Windows Vista" / Windows<sup>29</sup> 7" on the provided CD-ROM for further information about system requirements for a PC and precautions when using Microsoft" Windows<sup>20</sup> 7 or Microsoft" Windows Vista".

Microsoft<sup>®</sup> Windows Vista<sup>®</sup>. <sup>4</sup> When using IPv6 for communication, use Microsoft<sup>®</sup> Windows<sup>®</sup> 7 or Microsoft<sup>®</sup> Windows Vista<sup>®</sup>. <sup>4</sup>5 Transmission for 2 streams can be individually set in the same compression method. <sup>6</sup> For further information about compatible devices, refer to our website (http://panasonic.net/pss/security/support/info.html).

**Part Names and Functions** 



Appearance



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 - Super Dynamic<sup>\*</sup>, SD1<sup>\*</sup>, 'SD1<sup>\*</sup>, 'SD5<sup>\*</sup>, 'SD5<sup>\*</sup>, 'SD5<sup>\*</sup>, 'HPRO<sup>\*</sup> and 'I-PRO SmartHD<sup>\*</sup> 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.

- Specifications are subject to change without notice.
   These products may be subject to export control regulations.
   All product pictures are NTSC models.



http://panasonic.net/security/

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