

Super Dynamic Full HD Vandal Resistant Dome Network Camera

WV-SF549 **WV-SF548**



Full HD / 1,920 x1,080 H.264 Vandal Resistant 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-SF549)
- High sensitivity with Day & Night (Electrical) function:0.5 lx (Color), 0.3 lx (B/W) at F1.3 (WV-SF548)
- 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-SF549)
- 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-SF549), 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-SF549)
- 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-SF549)
- . 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
- Vandal resistant mechanism for high reliability
- 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

Standard Accessories

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

Optional Accessories

Ceiling Mount Bracket (PAL only)



Cable Tie 2 pcs. (incl. 1 spare)

• Bit for Tamperproof Screw 1 pc.

(PDFs) and different kinds of tool software programs.
*2 This label may be required for network management.

*1 The CD-BOM contains the operating instructions

WV-Q105



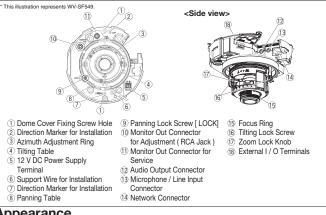
Specifications

Camera	Imera	oncor			
	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)}		
	Minimur	m Illumination	WV-SF549:		
			Color: 0.5 lx, BW: 0.06 lx (F1.3, Auto slow shutter: Off (1/30s), Gain:On(High		
			Color: 0.03 k, BW 0.004 k (F1.3, Auto slow shutter: Max. 16/30s, Gain:On(High)) WV-SF548: Color: 0.5 k, BW: 0.3 k (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 Shutter Speed Super Dynamic Dynamic Range Face Super Dynamic		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 O ON / OFF 52 dB typ. (Super Dynamic: ON)		
			ON / OFF (Only at Super Dynamic: ON)		
			ON / OFF (Only at Super Dynamic: OFF)		
	Adaptive Black Stretch		ON (LOW, MID, HIGH) / OFF		
	AGC 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-SF549: IR		
	Digital Noise Reduction		Mode: AUTO1 / AUTO2 / ON / OFF, Level:High / Low, with external control		
			WV-SF548: 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)		
	Focus Adjustment		ABF/MANUAL		
	Lens Disto	ortion Conpensation	256 steps		
Lens	Focal Le	ength	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)		
	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	Croppin	a	H.264(2) / JPEG(VGA or 640 x 360) / JPEG(QVGA or 320 x 180		
GUI		5	Up to 4 image capture areas can be specified		
	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		
	Display Mode		screens or 16 split screen (JPEG only). 20 characters camera title available		
	Digital Zaam		1x, 2x, 4x controlled by browser GUI		
	Digital Zoom				
	Camera Title		Up to 20 alphanumeric characters		
	Clock Display		Time: 12H/24H, Date: 5 formats on the browser, Summer time (Manua		
	Alarm Control		Reset		
	One Shot Capture		A still picture will be displayed on a newly opened window.		
	Audio		Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High		
			Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High (Only at WV-SF549)		
	SD Memo	ory Data Download	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High (Only at WV-SF549) Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloaded. (Dnly at WV-SF545)		
	SD Memo GUI/Setu	p Menu Language	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High [Only at W-SF549] Sill or notion Images recorded in the SDX:CSDR:CSD memory card car be downloaded (Only at W-SF54 English, Japanese, Italian, French, German, Spanish, Chinese, Russia		
	SD Memo	p Menu Language	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High. [Only at WV-SF549 Sill or motion Images recorded in the SDXCSDHCSD memory card can be downloaded. [Only at WV-SF54 English, Japanese, Italian, French, German, Spanish, Chinese, Russiaa Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory		
	SD Memo GUI/Setu System	p Menu Language Log	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High [Only at WV-SF549 Sill or motion Images recorded in the SDIXCSDHCSD memory card can be downloaded. (Only at WV-SF549 English, Japanese, Italian, French, German, Spanish, Chinese, Russiar 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-SF549		
	SD Memo GUI/Setu System	p Menu Language	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High. [Only at WV-SF549 Sill or motion Images recorded in the SDXCSDHCSD memory card can be downloaded. [Only at WV-SF54 English, Japanese, Italian, French, German, Spanish, Chinese, Russiaa Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory		
	SD Memo GUI/Setu System Support	p Menu Language Log	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High [Only at WX-SF49] Still or motion images recorded in the SDX/SDHCSD memory card can be downloaded. (Only at WX-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russiau Up to 100 (Internat) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG), error logs (Only at WX-SF549 Microsoft* Windows* 7, Microsoft* Windows Vista* Microsoft* Windows* XP SP: Windows* Internet Explorer* 9.0 (32 bit), Windows* Internet Explorer* 8.0 (32 bit)		
	SD Memo GUI/Setu System Support	p Menu Language Log red OS *3 *4 red Browser	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High (Only at W/-SF549) Sill omtoin Images records in the SOXCSDHCSD memory card can be downloaded. (Only at W/-SF549 English, Japanese, Italian, French, German, Spanish, Chinese, Russiaa Up to 100 (Internat) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG), error logs (Only at W/-SF549 Microsoft* Windows* 7, Microsoft* Windows Vista*, Microsoft* Windows* 7x SP. Windows* Internet Explorer* 9.0 (32 bit), Windows* Internet Explore* 8.0 (32 bit) Windows* Internet Explore* 7.0 (32 bit), Microsoft* Internet Explore* 6.0 (32 bit), Windows* Internet Explore* 7.0 (32 bit), Windows* Internet Explore* 8.0 (32 bit), Windows* Internet Explore* 7.0 (32 bit), Windows* Internet Explore* 8.0 (32 bit), Windows* Internet Explore* 7.0 (32 bit), Windows* Internet Explore* 8.0 (32 bit), Windows* Internet Explore* 7.0 (32 bit), Windows* Internet Explore* 8.0 (32 bit), Windows* Inte		
Network	SD Memo GUI/Setu System Support	p Menu Language Log red OS *3 *4 red Browser	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High [Only at WX-SF49] Still or motion images recorded in the SDX/SDHCSD memory card can be downloaded. (Only at WX-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russiau Up to 100 (Internat) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG), error logs (Only at WX-SF549 Microsoft* Windows* 7, Microsoft* Windows Vista* Microsoft* Windows* XP SP: Windows* Internet Explorer* 9.0 (32 bit), Windows* Internet Explorer* 8.0 (32 bit)		
Network	SD Memo GUI/Setu System Support	p Menu Language Log red OS *3 *4 red Browser	Mic (Line) Input: ON/ OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Bill motion Images recorded in the StoroSMHcSB memory card care downdeade. (M) at WI-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russiar Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG) error logs (On) at WI-SF49 Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 30 (32 bil Windows [®] Internet Explorer [®] 9.0 (32 bil), Microsoft [®] Internet Explorer [®] 6.0 SP 10Base-T / 100Base-TX, RJ-45 connector		
Network	SD Memo GUI/Setu System Support Support Network Image	p Menu Language Log ed OS *3 *4 ed Browser	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Bill motion Images recorded in the SUCSDHCSD memory card care to domicaded (Ony at WV-SF449 Bills motion Images recorded in the SUCSDHCSD memory When the recording format is set to JPEG.) error logs (Only at WV-SF549 Microsoft "Windows" 7. Microsoft" Windows Vistat [®] , Microsoft" Windows" N F549 Windows" Internet Explorer [®] 9.0 (32 bit), Microsoft" Windows" 10 SP 10Base-T / 100Base-TX, RJ-45 connector H.2641 , 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps		
Network	SD Memo GUI/Setu System Support Support Network Image	p Menu Language Log ed OS *3 *4 ed Browser (IF [Image Capture Mode: 2 mega pixel [16:9]	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Bill motion Images recorded in the SUCSDHCSD memory card care to domicaded (Ony at WV-SF449 Bills motion Images recorded in the SUCSDHCSD memory When the recording format is set to JPEG.) error logs (Only at WV-SF549 Microsoft "Windows" 7. Microsoft" Windows Vistat [®] , Microsoft" Windows" N F549 Windows" Internet Explorer [®] 9.0 (32 bit), Microsoft" Windows" 10 SP 10Base-T / 100Base-TX, RJ-45 connector H.2641 , 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps		
Network	SD Memo GUI/Setu System Support Support Network Image	p Menu Language Log ed OS *3 *4 ed Browser Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode:	Mic (Line) Input: ON/ OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Bill motion Images recorded in the StoroSMHcSB memory card care de ordendead. (M) at WI-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russiar Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) enror logs (Only at WI-SF49 Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 40.032 bill Windows [®] Internet Explorer [®] 70.032 bill, Windows [®] Internet Explorer [®] 40.032 bill Undows [®] Internet Explorer [®] 7.032 bill, Microsoft [®] Mindows [®] 10,032 bill Undows [®] Internet Explorer [®] 7.032 bill, Microsoft [®] Mindows [®] 1.050 bill Undows [®] 1.050 bill of 40 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 7,080 / 640 x 360 / 320 x 180, up to 30 fps		
Network	SD Memo GUI/Setu System Support Support Network Image	p Menu Language Log ed OS *3 *4 ed Browser (IF Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode:	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audio Output: ON / OFF Volume adjustment: Low / Middle / High Bill motion Images recorded in the SUCSDHCSD memory card an te downleaded. (Ony at W-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russia 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-SF549 Mindows [®] Internet Explorer [®] 9.0 (32 bil), Windows [®] Internet Explorer [®] 8.0 (32 bil Windows [®] Internet Explorer [®] 9.0 (32 bil), Windows [®] Internet Explorer [®] 6.0 SP 10Base-T / 10DBase-TX, RJ-45 connector H.264: 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	SD Memo GUI/Setu System Support Support Network Image	p Menu Language Log ed OS *3 *4 ed Browser (IF Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode:	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audio Outu: ON / OFF Volume adjustment: Low / Middle / High (Only at WV-SF49 Bill motion Images records in the SUXCSIHCSD memory card can be domiabade. (Only at WS-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russia 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-SF49 Microsoft Windows ² 7, Microsoft Windows Vista ² Microsoft ⁴ Windows ⁸ XP SP Windows ⁸ Internet Exploret ⁴ 7.0 (32 bit), Microsoft ⁴ Internet Exploret ⁴ 8.0 (32 bit) Windows ⁸ Internet Exploret ⁴⁷ 7.0 (32 bit), Microsoft ⁴ Internet Exploret ⁴⁶ 8.0 (32 bit) DiBase-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 720 / 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): 1,920 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 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,820 x 720 / 640 x 480 / 700CA(320 x 240), up to 30 fps		
Network	SD Memo GUI/Setu System Support Support Network Image	p Menu Language Log ed OS * ^{3 *4} ed Browser (IF [mage Capture Mode: 1.3 mega pixel [16:9] [mage Capture Mode: 1.3 mega pixel [16:9]	Mic (Line) Input: ON/ OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Bill motion Images recorded in the StoroSDHSCB memory card are boundeade. (Migi 4W-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russiar Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error logs (Only at W-SF549 Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] A0 (32 bill Windows [®] Internet Explorer [®] 70 (32 bill), Windows [®] Internet Explorer [®] A0 (32 bill) Windows [®] Internet Explorer [®] 70 (32 bill), Windows [®] Internet Explorer [®] A0 (32 bill) Disase-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 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 480 / VCAG320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 720 / 640 x 480 / VCAG320 x 240), up to 30 fp		
Network	SD Memo GUI/Setu System Support Support Network Image	p Menu Language Log ed OS *3 *4 ed Browser (IF mage Capture Mode: 1.3 mega pixel [16:9] mage Capture Mode: 1.3 mega pixel [46:9] mage Capture Mode:	Mic (Line) Input: ON/ OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Bill motion/mages recoded in Boyto:SDH2S0 memoy are at an elowideade. (Onja 4W-SF49 Biglish, Japanese, Italian, French, German, Spanish, Chinese, Russiai Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error logs (Onja 4W-SF49 Mircosoft "Mindows" 7, Microsoft "Mindows Vista", Microsoft "Windows" 74 W-SF549 Windows" Internet Explorer" 3.0 (32 bil), Windows" Internet Explorer & 0.0 (32 bil), Windows" Internet Explorer" 3.0 (32 bil), Microsoft "Internet Explorer" 6.0 SP 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): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp		
Network	SD Memm GUI/Setu System Support Support Image Resolutior	p Menu Language Log ed OS * ^{3 +4} ed Browser (IF 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [46:1] Image Capture Mode: 3.3 mega pixel [4:3] Image Capture Mode:	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Outu: ON / OFF Volume adjustment: Low / Middle / High Bill motion Images records in the SUXCSIHCSD memory card can be downloaded. (M) at WI-SF549 Bill motion Images records in the SUXCSIHCSD memory card can be downloaded. (M) at WI-SF54 English, Japanese, Italian, French, German, Spanish, Chinese, Russiau 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-SF549 Microsoft Windows ⁹ 7, Microsoft Windows Vista ⁷ Microsoft ¹⁰ Windows ⁸ 7 X SP Windows ¹⁰ Internet Explorer ⁴⁹ 0. (32 bit), Microsoft ¹⁰ Internet Explorer ⁴⁸ 0. (32 bit) Windows ¹⁰ Internet Explorer ⁴⁷ 7.0 (32 bit), Microsoft ¹⁰ Internet Explorer ⁴⁸ 0. (32 bit) DIBase-T / 100Base-TX, RJ-45 connector H.264: 1,920 x 7.080 / 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 7.00 / 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 960 / VGA(640 x 480 / OVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480 / OVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480 / OVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480 / OVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480 / OVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480 / OVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480 / OVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480 / OVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 1,556, up to 15 fps		
Network	SD Memo GUI/Setu System Support Support Network Image	p Menu Language Log ed OS *3 *4 ed Browser (IF 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] Image Capture Mode: 3 mega pixel [4:3] Image Capture Mode: 3 mega pixel [4:3]	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Bill motion Images recorded in the StorgSOHSCB memory and rane boundeadd. (Migi 4W-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russiau Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error logs (Only at W-SF549 Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] A0 (32 bill Windows [®] Internet Explorer [®] 70 (32 bill, Microsoft [®] Windows [®] XP SP Windows [®] Internet Explorer [®] 70 (32 bill, Microsoft [®] Internet Explorer [®] A0 (32 bill Windows [®] Internet Explorer [®] 70 (32 bill), Microsoft [®] Internet Explorer [®] 6.0 SP 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 720 / 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 fp H.264 : 1,280 x 960 / VGA(640 x 480) / VGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / VGA(320 x 240), up to 30 fp JPEG (MJPEG): 2,048 x 1,536, up to 15 fps JPEG (MJPEG): 2,048 x 1,536, up to 15 fps		
Network	SD Memm GUI/Setu System Support Support Image Resolutior	p Menu Language Log ed OS *3 *4 ed Browser 2 mega 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	Mic (Line) Input: ON/ OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Bill motionimages recorded in BoytoSDH205 memory and ra he downloade. (M) at WV-SF49 Biglish, Japanese, Italian, French, German, Spanish, Chinese, Russiai 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-SF49 Windows [®] Internet Explorer [®] 9.0 (32 bil), Windows [®] Internet Explorer [®] 8.0 (32 bil Windows [®] Internet Explorer [®] 9.0 (32 bil), Windows [®] Internet Explorer [®] 8.0 (32 bil Windows [®] Internet Explorer [®] 9.0 (32 bil), Microsoft [®] Internet Explorer [®] 6.0 SP 10Base-T / 100Base-TX, RJ-45 connector H.264 1.1920 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 fp H.264 1.1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 60 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp H.264 1.1,280 x 960, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps		
Network	SD Memm GUI/Setu System Support Support Image Resolutior	p Menu Language Log ed OS *3 *4 ed Browser 2 mega 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	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Outu: ON / OFF Volume adjustment: Low / Middle / High Microsoft Biologia / Audio / Aud		
Network	SD Memm GUI/Setu System Support Support Image Resolutior	p Menu Language Log ed OS *3 *4 ed Browser (IF Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:3] Image Capture Mode: 1.3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: Bit Rate/Client	Mic (Line) Input: ON/ OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Mice (Line) Input: ON/ OFF Volume adjustment: Low / Middle / High Mice State (Might State) (Might State) (Might W-SF549) Sill motion Images recorded in the Stotios OSHCS memory and ran te domleaded. (Might W-SF449) Windows [®] Internet Explorer [®] 40.05 20 km state (Might M-State) Windows [®] Internet Explorer [®] 40.05 20 km state (Might M-State) Windows [®] Internet Explorer [®] 40.05 20 km state (Might M-State) Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 40.05 20 km state Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 40.05 20 km state Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 40.05 20 km state Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 40.05 20 km state Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 40.05 20 km state Microsoft [®] 40 km state Micros		
Network	SD Memm GUI/Setu System Support Support Image Resolutior	p Menu Language Log ed OS *3 *4 ed Browser 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 regarised Mode Frame Rate Bit Rate/Client Image Quality	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audio Output: ON / OFF Volume adjustment: Low / Middle / Higt Madio Output: ON / OFF Volume adjustment: Low / Middle / Higt Bill motionimages recorded in & BOXCONEXOB memory and ra the domleaded. (Only at W-SF48 English, Japanese, Italian, French, German, Spanish, Chinese, Russia 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-SF48 Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 30 (32 bil Windows [®] Internet Explorer [®] 7.0 (32 bil), Windows [®] Internet Explorer [®] 6.0 SP 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): 1,280 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, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps JPEG (MJPEG): 1,280 x 86 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps		
Network	SD Memm GUI/Setu System Support Support Image Resolutior	p Menu Language Log ed OS *3 *4 ed Browser (IF 2 mage Capture Mode: 1.3 mage Divel (16:9) Image Capture Mode: 1.3 mage Divel (4:3) Image Capture Mode: 3 mage Divel (4:3) Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval	$\label{eq:model} \begin{array}{l} Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Addo OHF VolFF Volume adjustment: Low / Middle / Higt Addo OHF VolFF Volume adjustment: Low / Middle / Higt Addo OHF VolFF Volume adjustment: Low / Middle / Higt Addo OHF VolFF Volume adjustment: Low / Middle / Higt Addo OHF VolFF Volume adjustment: Low / Middle / Higt NolFF Volume adjustment is set to JPEG), are rol togs (Oh) at UV-SF349 Microsoft Windows1 Internet Exploret® 0.0 (22 bit), Windows2 0.0 (22 $		
Network	SD Memo GUI/Setu System Support Support Image Resolution H.264 *5	p Menu Language Log ed OS *3 *4 ed Browser cl F Image Capture Mode: 1.3 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 Referesh Interval Transmission Type	Mic (Line) Input: ON/ OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Audio Output: ON / OFF Volume adjustment: Low / Middle / High Bill motion Images recorded in the Storos CONHCS The amony and a the downleaded. (Migi 4W-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russiau Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) enror logs (Only at W-SF49 Microsoft* Windows* 7, Microsoft* Windows* Internet Explorer* 8.0 (32 bill Windows* Internet Explorer* 0.0 (22 bill, Windows* Internet Explorer* 8.0 (32 bill Windows* Internet Explorer* 0.0 (22 bill, Windows* Internet Explorer* 8.0 (32 bill Windows* Internet Explorer* 0.0 (22 bill, Windows* Internet Explorer* 8.0 (32 bill Windows* Internet Explorer* 0.0 (32 bill, Windows* Internet Explorer* 8.0 (32 bill Windows* Internet Explorer* 0.0 (32 bill, Windows* Internet Explorer* 8.0 (32 bill) PIC (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 7.10.80 / 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) / VGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / VGA(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 64 / 128 / 266 / 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		
Network	SD Memm GUI/Setu System Support Support Image Resolutior	p Menu Language Log ed OS *3 *4 ed Browser [Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 1 mage Capture Mode: Bit Rate/Client Image Quality Refresh Interval Image Quality	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audo Output: ON / OFF Volume adjustment: Low / Middle / High Mic (Durber) / OFF Volume adjustment: Low / Middle / High Bill motion Images records in the SUXCSINEXD memory card can be downladed. (Ding 4W-SF549) Sill motion Images records in the SUXCSINEXD memory when the recording format is set to JPEG.) error logs (Only at WV-SF544) Microsoft Windows ⁷ , Microsoft Windows Vista ⁷ , Microsoft Windows ⁸ / XP SP. Windows ⁸ Internet Explorer ⁹ 2.0 (32 bit), Windows ⁶ Internet Explorer ⁸ 8.0 (32 bit) Windows ¹ Internet Explorer ⁹ 7.0 (32 bit), Microsoft ¹⁰ Internet Explorer ⁶ 6.0 (32 bit) Windows ¹ Internet Explorer ⁹ 7.0 (32 bit), Microsoft ¹⁰ Internet Explorer ⁶ 6.0 (32 bit) PL264: 1,280 x 71080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 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 JPEG (MJPEG): 1,280 x 710 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 1,280 x 10 / 51 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7 .5 / 1 / 1 / 1 / 1 / 5 / 2 / 30 fps G4 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 / 10,240 / 12,288 / 14,338 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST		
Network	SD Memo GUI/Setu System Support Support Image Resolution H.264 *5	p Menu Language Log ed OS *3 *4 ed Browser (IF 1.3 mage Capture Mode: 1.3 maga pixel [16:9] Image Capture Mode: 1.3 maga pixel [4:3] Image Capture Mode: 3 maga pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Image Quality Refresh Interval	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High Audio Outu: ON / OFF Volume adjustment: Low / Middle / High Microsoft & SWCSDHCSD memoy card carbs downloads. (M) at WX-SF49 Bill motion Images records in the SWCSDHCSD memory and carbs downloads. (M) at WX-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russiau Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG), error logs (Only at WX-SF49 Microsoft Windows [®] 7, Microsoft Windows Vista [®] Microsoft [®] Windows [®] T, Microsoft [®] Windows [®] Internet Explorer [®] 2, 0 (32 bit), Windows [®] Internet Explorer [®] 2, 0 (32 bit), Windows [®] Internet Explorer [®] 7, 10 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Windows [®] Internet Explorer [®] 2, 0 (32 bit), Windows [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (32 bit), Microsoft [®] Internet Explorer [®] 2, 0 (34 c) 360 / 320 c x 180, up to 30 fps JPEG (MJPEG): 1,920 x 2,00 / 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 H.264: 1,280 x 960, up to 15 fps JPEG (MJPEG): 2,048 x 1,536, up to 15 fps Constant birate / 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		
Network	SD Memo GUI/Setu System Support Support Image Resolution H.264 *5	p Menu Language Log ed OS *3 *4 ed Browser cl F Image Capture Mode: 1.3 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 Transmission Type	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audio Output: ON / OFF Volume adjustment: Low / Middle / Higt Audio Output: ON / OFF Volume adjustment: Low / Middle / Higt Microsoft* Mindows* 2000 (SDXC/SDMC) and Compared and a boundaback (Dny 41W-SF549 Biglish, Japanese, Italian, French, German, Spanish, Chinese, Russia Up to 100 (Internal) Up to 4,000 (SDXC/SDHC)/SD memory when the recording format is set to JPEG.) enror logs (Only at WV-SF549 Microsoft* Windows* 7, Microsoft* Windows* Internet Explore* 8.0 (32 bi Windows* Internet Explore* 7.0 (32 bit), Microsoft* Windows* NP SP Windows* Internet Explore* 7.0 (32 bit), Microsoft* Internet Explore* 8.0 (32 bi Windows* Internet Explore* 7.0 (32 bit), Microsoft* Internet Explore* 8.0 (32 bit) PiDBase-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 fp H.264: 1,280 x 960 / VGA(640 x 480) / VGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / VGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / VGA(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 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	SD Memo GUI/Setu System Support Image Resolution H.264 *5 JPEG	p Menu Language Log ed OS * ^{3 *4} ed Browser 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 1 ransmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Irransmission Type Image Quality Refresh Interval Transmission Type Sion "Only alW N5548	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audo Output: ON / OFF Volume adjustment: Low / Middle / Higt Audo Output: ON / OFF Volume adjustment: Low / Middle / Higt Bill motion Images recorded in & SUXCMSDH 205 memory and ra de owndeadd. Only at WV-SF48 English, Japanese, Italian, French, German, Spanish, Chinese, Russia Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG) enror logs (Only at WV-SF48 Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 30 (32 bil Windows [®] Internet Explorer [®] 7.0 (32 bil), Windows [®] Internet Explorer [®] 6.0 SP 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 fp H.264: 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 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 / 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 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp H.264: 1.280 x 920 / 408 x 15,56, 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 UNICAST / MULTICAST 10 steps 0.1 fps ~ 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps		
Network	SD Memor GUI/Setu System Support Image Resolution H.264 ** JPEG	p Menu Language Log ed OS *3 *4 ed Browser (IF 13 mage Capture Mode: 1.3 maga pixel [16:9] Image Capture Mode: 1.3 maga pixel [16:3] Image Capture Mode: 1.3 maga pixel [4:3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type ession "Driy at W-SF549	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audio Output: ON / OFF Volume adjustment: Low / Middle / High Microsoft Biologia / Microsoft Biologia / Microso		
Network	SD Memo GUI/Setu System Support Support Image Resolution H.264 *5 JPEG Audio Compr Audio Mord Authentication	p Menu Language Log ed OS *3 *4 ed Browser cl F Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:3] 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 Transmission Type Stator State State W-SF549 for Audo 'Ony at WV-SF549 for Audo 'Ony at WV-SF549	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audio Output: ON / OFF Volume adjustment: Low / Middle / Higt Audio Output: ON / OFF Volume adjustment: Low / Middle / Higt Microsoft* Mindows* 2000 (SDXC) Someony car are advandable. (My at WX-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russia Up to 100 (Internal) Up to 4,000 (SDXC)/SDMC) memory when the recording format is set to JPEG. Jerro (Jag. (On) at WX-SF49 Microsoft* Windows* 7, Microsoft* Windows* Internet Explore* 8.0 (22 bi Windows* Internet Explore* 7.0 (22 bit), Windows* Internet Explore* 8.0 (22 bi Windows* Internet Explore* 7.0 (22 bit), Windows* Internet Explore* 8.0 (22 bit) Windows* Internet Explore* 7.0 (22 bit), Windows* Internet Explore* 8.0 (22 bit) Windows* Internet Explore* 7.0 (22 bit), Windows* Internet Explore* 8.0 (22 bit) Windows* Internet Explore* 7.0 (22 bit), Windows* Internet Explore* 8.0 (22 bit) Windows* Internet Explore* 7.0 (22 bit), Windows* Internet Explore* 8.0 (22 bit) Windows* 1.1 (20 x 1.1		
Network	SD Memor GUI/Setu System Support Image Resolution H.264 ** JPEG	p Menu Language Log ed OS *3 *4 ed Browser cl F Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:3] 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 Transmission Type Stator State State W-SF549 for Audo 'Ony at WV-SF549 for Audo 'Ony at WV-SF549	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audio Output: ON / OFF Volume adjustment: Low / Middle / Higt Audio Output: ON / OFF Volume adjustment: Low / Middle / Higt Bill motion Images recorded in & SUXCONHCSD memory and ra de ownloaded. (Only at WX-SF49 Bill motion Images recorded in & SUXCONHCSD memory and a two processing of the ownload of the set to JPEG and root of the ownload ownload of the ownload ownloa		
Network	SD Memor GUI/Setur System Support Image Resolution H.264 *5 JPEG Audio Compr Audio Mod Authenticatio Mod Authenticatio Mod	p Menu Language Log ed OS *3 *4 ed Browser cl F Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:3] 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 Transmission Type Stato The State State State State Transmission Type State State State Transmission Type State State State Transmission Type	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audio Output: ON / OFF Volume adjustment: Low / Middle / Higt Audio Output: ON / OFF Volume adjustment: Low / Middle / Higt Bill motion Images recorded in & SUXCONHCSD memory and ra de ownloaded. (Only at WX-SF49 Bill motion Images recorded in & SUXCONHCSD memory and a two processing of the ownload of the set to JPEG and root of the ownload ownload of the ownload ownloa		
Network	SD Memor GUI/Setur System Support Image Resolution H.264 *5 JPEG Audio Compr Audio Mod Authenticatio Mod Authenticatio Mod	p Menu Language Log 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 [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 1 mage Capture Mode: Bit Rate/Client Irransmission Mode Frame Rate Bit Rate/Client Irransmission Type Image Quality Refresh Interval Irransmission Type Image Ouality Refresh Interval Parish Interval Refresh Inte	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audo Outu: ON / OFF Volume adjustment: Low / Middle / High (Only at WV-SF49 Bill motion Images recorded in the SUXCSIPLESD memory card can be domidaade. (Only at WS-SF49 Bill motion Images recorded in the SUXCSIPLESD memory card can be domidaade. (Only at WS-SF49 Hindows) and the SUXCSIPLESD memory card can be domidaade. (Only at WS-SF49 Microsoft Windows) T, Microsoft Windows Vistal / Microsoft Windows' XP SP Windows' Internet Explorer* 0.0 (32 bit), Windows'' Internet Explorer* 8.0 (32 bit) Windows'' Internet Explorer* 7.0 (32 bit), Microsoft " thronet Explorer* 8.0 (32 bit) Windows'' Internet Explorer* 7.0 (32 bit), Microsoft " throne Explorer* 8.0 (32 bit) Microsoft Windows 7.1 (32 bit), Microsoft " Internet Explorer* 8.0 (32 bit) Microsoft Windows' 7.1 (32 bit), Microsoft " Internet Explorer* 8.0 (32 bit) Microsoft Windows' 7.1 (32 bit), Microsoft " Internet Explorer* 8.0 (32 bit) Microsoft Windows' 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 fp JPEG (MJPEG): 1.820 × 960 / VGA(640 × 480 / OVGA(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 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 (Hall duplec) / Interactive (Full duple Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1.024 / 1.94 / 96 / 8.192 kbps / Unlimite Hex CIP/IN (DPI), HTTP, HTTP, FTP, SMP, DNS, MP, DNSMP, DCPC+6(CMLR AR 0.670 / DDPI, DDPI, HTTP, HTTP, FTP, SMP, DNS, MP, DNSMP, DCPC+6(CMLR AR 0.670 / DDPI, DDPI, HTTP, HTTP, FTP, SMP, DNS, MP, DNSMP, DCPC+6(CMLR AR 0.670 / DDPI, DDPI, HTTP, HTTP, F		
Network	SD Memor GUI/Setur System Support Image Resolution H.264 *5 JPEG Audio Compr Audio Mod Authenticatio Mod Authenticatio Mod	p Menu Language Log 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 [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 1 mage Capture Mode: Bit Rate/Client Irransmission Mode Frame Rate Bit Rate/Client Irransmission Type Image Quality Refresh Interval Irransmission Type Image Ouality Refresh Interval Parish Interval Refresh Inte	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audo Output: ON / OFF Volume adjustment: Low / Middle / High (Only at WV-SF49 Bill motion Images recorded in the SUXCSIPLESD memory card can be domidated. (Only at WV-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russia 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-SF49 Microsoft Windows ⁷ , Microsoft Windows Vista ⁷ , Microsoft ⁸ Windows ⁸ PX SP Windows ⁸ Internet Explorer ⁹ 0. (32 bit), Windows ⁸ Internet Explorer ⁸ 0. (32 bit) Windows ⁸ Internet Explorer ⁹ 7.0 (32 bit), Windows ⁸ Internet Explorer ⁸ 0. (32 bit) Windows ⁸ Internet Explorer ⁹ 7.0 (32 bit), Microsoft ⁸ Internet Explorer ⁸ 0.0 (32 bit), JPEG (MJPEG): 1.280 x 720 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 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 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 output / Interactive (F		
Network	SD Memor GUI/Setur System Support Image Resolution H.264 *5 JPEG Audio Compr Audio Mod Authenticatio Mod Authenticatio Mod	p Menu Language Log ed OS * ^{3 +4} ed Browser [Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 1 mage Capture Mode: 1 mage Capture Mode: Bit Rate/Client Image Quality Refresh Interval Irransmission Type Image Quality Refresh Interval Piransmission Type Image Capture Mode: 0 modu State State e Physics State State Refresh Interval 1 mage Capture Mode: 1 mage Ca	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audo Output: ON / OFF Volume adjustment: Low / Middle / Higt Audo Output: ON / OFF Volume adjustment: Low / Middle / Higt Microsoft Bill motol images recorded in the SUXCSIPLOSD memory card as the dynamicaded. (Dv) at WV-SF549 Sill motol images recorded in the SUXCSIPLOSD memory card as the dynamicaded. (Dv) at WV-SF544 English, Japanese, Italian, French, German, Spanish, Chinese, Russia Up to 100 (Internati) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG) error logs (Only at WV-SF544 Microsoft Windows ⁷ / Microsoft Windows Vista ⁷ , Microsoft ⁴ Windows ⁸ XP SP Windows ⁸ Internet Explorer ⁴ 7.0 (32 bit), Microsoft ⁴ Internet Explorer ⁴ 6.0 (32 bit) Windows ¹ Internet Explorer ⁴ 7.0 (32 bit), Microsoft ⁴ Internet Explorer ⁴ 6.0 (32 bit) PIEG (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 720 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 1,280 x 170 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 1,280 x 170 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 1,280 x 170 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 1,280 x 170 / 640 x 480) / QVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 170 / 640 x 480 / QVGA(320 x 240), up to 30 fp GO x 170 x 960 / VGA(640 x 480 / 100 x 480 x 480 / 200 x 48		
Network	SD Memor GUI/Setur System Support Image Resolution H.264 * ^c JPEG Audio Compr Audio Mod Autentication Total Bin Support	p Menu Language Log ed OS * ^{3 +4} ed Browser [Image Capture Mode: 2 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 3 mega pixel [16:3] Image Capture Mode: 1 mage Capture Mode: 1 mage Capture Mode: Bit Rate/Client Image Quality Refresh Interval Irransmission Type Image Quality Refresh Interval Piransmission Type Image Capture Mode: 0 modu State State e Physics State State Refresh Interval 1 mage Capture Mode: 1 mage Ca	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higf Audo Output: ON / OFF Volume adjustment: Low / Middle / Higf Mice Notput: ON / OFF Volume adjustment: Low / Middle / High (Only at WV-SF49 Bill motion Images recorded in the SUXCSIPLEX Commony and rain be domidated. Only at WV-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russia Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEC), error logs (Only at WV-SF549 Microsoft Windows [®] 7, Microsoft Windows Vata [®] Microsoft [®] Windows [®] TX PS Windows [®] Internet Explorer [®] 0. 0(2 bit), Windows [®] Internet Explorer [®] 8. 0(32 bit) Windows [®] Internet Explorer [®] 7. 0(32 bit), Microsoft [®] Internet Explorer [®] 8. 0(32 bit) Windows [®] Internet Explorer [®] 7. 0(32 bit), Microsoft [®] Internet Explorer [®] 8. 0(32 bit) Microsoft [®] Internet Explorer [®] 7. 0(32 bit), Microsoft [®] Internet Explorer [®] 8. 0(32 bit) Microsoft [®] Internet Explorer [®] 7. 0(32 bit), Microsoft [®] Internet Explorer [®] 8. 0(32 bit) Microsoft [®] Internet Explorer [®] 7. 0(32 bit), Microsoft [®] Internet Explorer [®] 8. 0(32 bit) Microsoft [®] Internet Explorer [®] 7. 0(32 bit), Microsoft [®] Internet Explorer [®] 8. 0(32 bit), Microsoft [®] Internet Explorer [®] 7. 0(32 bit), Microsoft [®] Internet Pictore 7. 100 Bits Die Ed (MJPEG): 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 Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7. 5 / 12 / 10 / 15 / 20 / 30 fps EOUM / NORMAL / FINE 0.27 / 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 (Fall duplez / Interactive (Full duple Everel 1 only		
Network	SD Memor GUI/Setu System Support Support Image Resolution H.264 *5 JPEG Audio Compr Audio Mord Authentication Total Bit Support	p Menu Language Log ed OS *3 *4 ed Browser cl F Image Capture Mode: 1.3 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 Transmission Type Image Quality Refresh Interval Transmission Type Refresh Interval Transmission Type Refresh Interval Transmission Type Refresh Interval Transmission Type Refresh Interval Refresh Interval Transmission Type Refresh Interval Refresh Refresh Interval Refresh Refresh	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higf Audo Output: ON / OFF Volume adjustment: Low / Middle / High (Only at WV-SF49 Bill motion Images recorded in the SDXCSPICSD memory and rain ab oundeadd. Only at WV-SF49 English, Japanese, Italian, French, German, Spanish, Chinese, Russia Up to 100 (Internal) Up to 4,000 (SDXC/SDIMerson) at WV-SF49 Microsoft* Windows* 7, Microsoft* Windows* Internet Explorer* 8.0 (22 bi Windows* Internet Explorer* 7.0 (22 bit), Windows* Internet Explorer* 8.0 (22 bi Windows* Internet Explorer* 7.0 (23 bit), Windows* Internet Explorer* 8.0 (22 bi Windows* Internet Explorer* 7.0 (23 bit), Windows* Internet Explorer* 8.0 (22 bi Windows* Internet Explorer* 7.0 (23 bit), Windows* Internet Explorer* 8.0 (22 bi Windows* Internet Explorer* 7.0 (23 bit), Windows* Internet Explorer* 8.0 (22 bi Windows* Internet Explorer* 7.0 (26 bit), Windows* Internet Explorer* 8.0 (22 bi Windows* Internet Explorer* 7.0 (26 bit), Windows* Internet Explorer* 8.0 (22 bit) Windows* Internet Explorer* 7.0 (26 bit), Windows* Internet Explorer* 8.0 (22 bit), Windows* Internet Explorer* 8.0 (22 bit), Windows* Internet Explorer* 8.0 (20 bit), Windows* 10, up to 30 fp H.264: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 1,280 x 720 / 640 x 480) / QVGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 453, 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 / 266 / 384 / 512 / 768 / 1,204 / 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 OFF / Mic (Line) input / Audio output / Interactive (Hall duplek) / Interactive (Full duple Level 1 only / Level 2 ligher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,046 / 4,096 / 8,192 kbps / Unimite IP& TCP/P, UDP/P, MP, P, MP, P, FP, FP, FP, MTCP, FT, SMMP, DKPO, BMS, NMS, NMP,		
Network	SD Memor GUI/Setur System Support Image Resolution H.264 *5 JPEG Audio Compr Audio Mod Authenticatio Mod Authenticatio Mod FTP Clie No. of Si	p Menu Language Log ed OS *3 *4 ed Browser cl F Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 1.3 mega pixel [16:9] Image Capture Mode: 3 mega pixel [14:3] Image Capture Mode: 3 mega pixel [14:3] Image Capture Mode: 3 mega pixel [14:3] Image Capture Mode: 1 mage Capture Mode: 9 mage Cap	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audo Output: ON / OFF Volume adjustment: Low / Middle / Higt Audo Output: ON / OFF Volume adjustment: Low / Middle / Higt Bill motion Images records in the SUXC39H205D memory and a the downloadsd. (Diry at WK-9549 Bill motion Images records in the SUXC39H205D memory when the recording format is set to JPEG) error logs (Only at WK-9549 Microsoft Windows ⁷ , Microsoft Windows Vista ⁷ , Microsoft ⁸ Windows ⁸ XP SP Windows ⁸ Internet Explorer [®] 20. (32 bit), Windows ⁶ Internet Explorer [®] 8.0 (32 bit) Windows ⁸ Internet Explorer [®] 7.0 (32 bit), Microsoft ⁸ Internet Explorer [®] 8.0 (32 bit) Windows ⁸ Internet Explorer [®] 7.0 (32 bit), Microsoft ⁸ Internet Explorer [®] 6.0 (32 bit), Windows ⁸ Internet Explorer [®] 6.0 (32 bit), Windows ⁶ Internet Explorer [®] 1.1 (32 bit), Windows ⁸ Internet Explorer [®] 6.0 (32 bit), Windows ⁸ Internet Explorer [®] 6.0 (32 bit), Windows ⁸ Internet Explorer [®] 6.0 (32 bit), Windows ⁸ Internet Explorer ¹ (13 Jit), Jit), Jit), Zit), Zit		
Network	SD Memor GUI/Setur System Support Image Resolution H.264 *5 JPEG Audio Compr Audio Mod Aufieritation Total Bit Support FTP Clie No. of Si	p Menu Language Log ed OS *3 *4 ed Browser (IF 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: 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 ession 'Only at W-SF549 for Audo 'Only at W-SF549 for Au	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audo Output: ON / OFF Volume adjustment: Low / Middle / High Microsoft Biologia (Director) (Directo		
Network	SD Memor GUI/Setu System Support Support Image Resolution H.264 *5 JPEG Audio Compr Audio Mor Audientication Total Bit Support FTP Clife No. of Si SDXC/S Memory	p Menu Language Log ed OS *3 *4 ed Browser cl F Image Capture Mode: 1.3 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 Image Quality Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type Condition WisS549 The Amage Quality Refresh Interval Transmission Users DHC/SD Card (Option)	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higt Audo Output: ON / OFF Volume adjustment: Low / Middle / High (Only at WV-SF549 Sill motion Images recorded in the SUXCSIPLCSD memory and ran be domladed. (Only at WV-SF549 English, Japanese, Italian, French, German, Spanish, Chinese, Russia Up to 100 (Internal) Up to 4,000 (SDXC/DD memory when the recording format is set to JPEG.) arror logs (Only at WV-SF549 Microsoft® Windows® 7, Microsoft® Windows® Internet Explore® 8.0 (22 bi Windows® Internet Explore® 7.0 (22 bit), Windows® Internet Explore® 8.0 (22 bi Windows® Internet Explore® 7.0 (22 bit), Windows® Internet Explore® 8.0 (22 bi Windows® Internet Explore® 7.0 (22 bit), Windows® Internet Explore® 6.0 SP 10Base-T / 100Base-TX, RJ-45 connector H.264 : 1,920 x 1,980 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,980 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,980 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fp JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 0VGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 0VGA(320 x 240), up to 30 fp JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 0VGA(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 4 / 128 / 266 / 384 / 51 / 768 / 1,24 / 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 OFF / Mic (Line) input / Audio output / Interactive (Half duplex / Interactive (Full duple Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 4,096 / 8,192 kbps / Unimite IP& TCP/P, UDP/P, HTP, HTPS, RTS, RTP, RTP, RTP, RTP, PTR, DHCP, DNS, DNS. NTP, SMMP, UPA, DMP, LOMP, APR, PTP, RTP, RTP, RTP, RTP, RTP, PTR, DHCP, DNS, DNS. NTP, SMMP, UPA, DMP, LOMP, APR,		
Network	SD Memor GUI/Setu System Support Support Image Resolution H.264 *5 JPEG Audio Compr Audio Mor Audientication Total Bit Support FTP Clife No. of Si SDXC/S Memory	p Menu Language Log ed OS *3 *4 ed Browser (IF 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: 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 ession 'Only at W-SF549 for Audo 'Only at W-SF549 for Au	Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / Higf Audo Output: ON / OFF Volume adjustment: Low / Middle / High (Only at WV-SF49 Bill motion Images recorded in the SUXCSIPLES) memory card can be domicated. (Dny at WV-SF44 English, Japanese, Italian, French, German, Spanish, Chinese, Russia 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-SF44 Microsoft Windows [®] 7, Microsoft Windows Vata [®] Microsoft [®] Windows [®] TX SP Windows [®] Internet Explorer [®] 0.0 (32 bit), Windows [®] Internet Explorer [®] 8.0 (32 bit) Windows [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 8.0 (32 bit) Windows [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 8.0 (32 bit) Microsoft [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 8.0 (32 bit) Microsoft [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 8.0 (32 bit) Microsoft [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 8.0 (32 bit) Microsoft [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 8.0 (32 bit), Microsoft [®] Internet Statistics, Internet Proving 1/200 (100 bit), JPEG (MUPEG): 1.280 x 200 (440 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 H.264 : 1.280 x 960, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 1 / 1 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.0 (1, psp. 1, HIP, HIPE,		

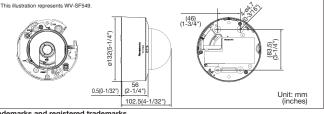
TV System		NTSC	PAL	
Network	Mobile Terminal Compatibility'6	iPad, iPhone, iPod touch (iOS 4.2.1 or later), Android™ mobile terminals		
	Face Detection	ON / OFF (with XML notification)		
Alarm	Alarm Source	WV-SF549		
		3 terminals input, VMD, Command alarm		
		WV-SF548		
		1 terminal input, VMD, Command alarm		
	Alarm Actions	SDXC/SDHC/SD memory recording*, E-mail notification, Indication on		
		browser, FTP image transfer, Panasonic protocol output *Only at WV-SF549		
	Alarm Log With SDXC/SDHC/SD memory card*: 5,000 logs,		card*: 5,000 logs,	
		without SDXC/SDHC/SD memory card: 1000 logs *Only at WV-SF549		
	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-SF549	(monaural input) (Applicable microphone: Plug-in power type)		
		Supply voltage: 2.5 V ±0.5 V Input impedance: approx. 2 kΩ		
	Audio Output	a 2 5 mm atoma mini izak (manauval autout) Lina laval		
	*Only at WV-SF549	ø3.5 mm stereo mini jack (monaural output) Line level		
	External I/O Terminals WV-SF549			
		ALARM IN 1/DAY/NIGHT IN, ALARM IN 2/ALARM OUT, ALARM IN 3/AUX OUT		
		WV-SF548 ALARM IN 1, 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-SF549		
	Power Consumption	12V DC: 530 mA *, PoE (IEEE802.3af compliant) / PoE 48 V: 120 mA (Class 2 device)		
		WV-SF548		
		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	-10 °C ~ +50 °C (14 °F ~ 122 °F)		
	Ambient Operating Humidity Less than 90 % (no condensation)			
	Shock Resistance	Compliant with 20J IEC60068-2-75/ IEC 62262 IK10		
	Dimensions	ø132 mm x 102.5 mm (H) {ø5-3/16 inches x 4-1/32 inches (H)}		
	Mass (approx.)	710g (1.57 lbs)		
	Finish	Main body: Aluminum die cast, sail white		
		Dome section: Clear polycarbonate resin		

IDUME SECTION. Oreal proversion recommendation of the imaging mode, the viewing angle will become narrower.
 *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®.
 *4 When using IPv6 for communication, use Microsoft® Windows® 7 or Microsoft® Windows Vista®.
 *5 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/ps/security/support/info.htm).

Part Names and Functions



Appearance



Trademarks and registered trademarks
Microsoft, and Windows are registered trademarks of Microsoft Corporation in the U.S. and other countries.
- iPad, iPhone and iPod touch are registered trademarks of Apple Inc.
- UniPhier is a registered trademark of Panasonic Corporation.
- "Super Dynamic", "SDII", "SDII", "SDSI", "SDSLink", "i-PRO" and "i-PRO SmartHD" logos are
trademarks or registered trademarks of Panasonic Corporation.
- ONVIF and the ONVIF logo are trademarks of ONVIF Inc.
- All other trademarks identified herein are the property of their respective owners.
Important

- All other trademass defined interaction to a property
 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.
 Safety Precaution: a careful the operation of dimensional dimensions are approximate.

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



http://panasonic.net/security/

Printed in Japan (2A-093AL)

DISTRIBUTED BY: