Panasonic ideas for life

Super Dynamic HD Vandal Resistant Dome Network Camera WV-SW155 / WV-SW155M Super Dynamic Vandal Resistant Dome Network Camera WV-SW152 / WV-SW152M



HD / 1,280 x 960 H.264 Vandal Resistant Network Camera featuring Super Dynamic (WV-SW155) SVGA / 800 x 600 H.264 Vandal Resistant Network Camera featuring Super Dynamic (WV-SW152)

Key Features

- 720p HD images up to 30 fps (WV-SW155)
- 1.3 Megapixel high sensitivity MOS Sensor
- Super high resolution at SVGA/800 x 600 created by 1.3 Megapixel high sensitivity MOS Sensor (WV-SW152)
- Multiple H.264 (High profile) streams and JPEG streams ensure simultaneous real time monitoring and high resolution recording by "UniPhier®", Panasonic's proprietary System LSI platform.
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size (WV-SW155)
- Full frame (Up to 30 fps) transmission at SVGA (800 x 600) image size (WV-SW152)
- 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 (Electrical) function: 0.8 lx (Color), 0.6 lx (B/W) at F2.2 (WV-SW155) 0.6 lx (Color), 0.4 lx (B/W) at F2.2 (WV-SW152)
- VIQS (Variable Image Quality on Specified area) technology allows the designated area to retain higher image quality while the excluded area will have a decreased image quality, which enables to use lower image file size and bit rate.
- 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.
- Electronic sensitivity enhancement: Auto (Up to 16x) / OFF
- Selectable light control modes: Indoor scene (50 Hz) / Indoor scene (60 Hz) / ELC (maximum exposure time) Indoor scene (50 Hz/60Hz): Flicker caused by fluorescent lightning will be automatically compensated. ELC (maximum exposure time): The lightning control will be automatically
- performed by adjusting shutter speed in the range of ELC.
- 2x extra zoom under VGA resolution
- 2x, 4x digital zoom controlled by browser
- VMD (Video Motion Detection) with 4 programmable detection areas, 15 steps sensitivity level and 10 steps detection size
- · Face detection function detects the position of human face and the information is sent by XML or video stream.
- Meta data for VMD works with the WJ-ND400 playback VMD function.

- Privacy Zone can mask up to 2 private areas, such as house windows and entrances/exits.
- Camera title display: Up to 20 alphanumeric characters on the browser
- Alarm sources including VMD and Panasonic alarm command can trigger actions such as FTP image transfer, E-mail notification, Indication on browser, and Panasonic alarm protocol output.
- JPEG Image compression ratio can be changed by alarm so that higher quality image can be provided.
- Prioritized stream control: One of the video streams can be prioritized when multiple recorders or client PCs are accessing the camera so that the recorder or the client PC can maintain the frame rate.
- SDHC/SD Memory card slot for manual recording (H.264 / JPEG), alarm recording (H.264 / JPEG) and backup upon network failure (JPEG)
- H.264 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 Internet.
- ONVIF compliant model
- · Low profile design for discrete installation
- "Railway applications Electronics equipment used on rolling stock" compatible with EN50155
- Wide coverage (Horizontal: 104 °, Vertical: 85 °)
- IP66 rated water and dust resistant. Compatible with IEC60529 measurement standard.
- Vandal resistant mechanism for high reliability

Standard Accessories

· Lens adjuster.

- Installation Guide Mount Bracket... Important Safety Instructions. .1 pc. • CD-ROM*1.. ..1 pc. Code Label*2 1 pc.
 - Tamperproof Screw Bit1 pc. • Waterproof Tape . .1 pc.
- The followings are for installation.
- Fixing Screws (M4 x 8 mm).......3 pcs.
 Installation Template Label1 pc.
- *1 The CD-ROM contains the operating instructions and different kinds of tool software programs. *2 This label may be required for network management. The network administrator shall retain the code label.

.1 pc.

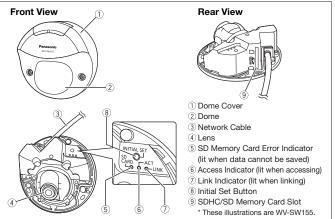
Specifications

Camera	1		NTSC PAL	
	Image Sensor		1/3 type MOS Sensor	
	Effective Pixels		Approx. 1.3 megapixel	
	Scanning Mode		Progressive	
	Scanning A		4.8 mm (H) x 3.6 mm (V) (3/16" (H) × 5/32" (V))	
	Minimum II	lumination	WV-SW155:	
			Color: 0.8 lx (F2.2, Auto slow shutter: Off (1/30s), Gain: On (High))	
			0.05 lx (F2.2, Auto slow shutter: Max. 16/30s, Gain: On (High)) **	
			WV-SW152:	
			Color: 0.6 lx (F2.2, Auto slow shutter: Off (1/30s), Gain: On (High))	
			0.04 lx (F2.2, Auto slow shutter: Max. 16/30s, Gain: On (High)) *1	
	White Bala	nce	AWC (2,000 ~ 10,000 K), ATW1 (2,700 ~ 6,000 K), ATW2 (2,000 ~ 6,000 K	
	Light Contr	ol Mode	Indoor scene (50 Hz / 60 Hz) / ELC	
	Shutter With Super		ELC (1/30 s)	
	Speed	Dynamic ON		
	·	With Super	ELC (1/30 s), ELC (3/100 s), ELC (3/120 s), ELC (2/100 s), ELC (2/120 s)	
		Dynamic OFF		
		,	ELC (1/1,000 s), ELC (1/2,000 s), ELC (1/4,000 s), ELC (1/10,000 s)	
	Super Dyn	amic	ON / OFF	
	Super Dynamic		ON / OFF ON / OFF (Only at Super Dynamic: ON)	
	Face Super Dynamic			
	Adaptive Black Stretch			
	AGC		ON (HIGH) / ON (MID) / ON (LOW) / OFF	
	Electronic Sensitivity UP			
	Day & Night(electrical)		OFF / AUTO	
	Dynamic Range		52 dB typ. (Super Dynamic: ON, Light Control: ELC)	
	Digital Noise Reduction		HIGH / LOW	
	Video Motion Detection		ON / OFF, 4 areas available	
	Privacy Zone		ON / OFF (up to 2 zones available)	
	VIQS		ON / OFF	
	Camera Tit	le (OSD)	Up to 20 characters (alphanumeric characters, marks), On/Off	
	Focus Adjustment		MANUAL	
Lens	Focus Adjustment Focal Length		1.95 mm	
-6115				
	Zoom Ratio		1x / Extra zoom: 2x (under VGA resolution)	
	Angular Field of View		Horizontal: 104 °, Vertical: 85 °	
	Maximum Aperture Ratio			
	Focusing Range		0.5 m ~ ∞	
Adjusting	Angle		Ceiling Installation Horizonatal: -20 ° to +20 ° Vertical: -20 ° to +90 °	
			Wall Installation Horizonatal: -80 ° to +80 ° Vertical: -90 ° to +20 °	
Browser	Camera Co	ontrol	Brightness	
GUI	Display Mo	de	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)	
		-	A still picture will be displayed on a newly opened window.	
	One Shot Capture			
	SD Memory		Still or motion Images recorded in the SDHC/SD memory card	
	Data Download		can be downloaded.	
	GUI/Setup N	1enu Language		
		1enu Language	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the	
	GUI/Setup N System Lo	lenu Language g	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs	
	GUI/Setup N	lenu Language g	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs	
	GUI/Setup N System Lo	lenu Language g OS *2 *3	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® XP SP3	
	GUI/Setup M System Los Supported	lenu Language g OS *2 *3	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® XP SP3	
Network	GUI/Setup M System Log Supported Supported	lenu Language g OS *2 *3	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® XP SP3 Windows® Internet Explorer® 9.0 (32 bit), Windows® Internet Explorer® 8.0 (32 bit)	
Network	GUI/Setup M System Log Supported Supported	lenu Language g OS *2 *3 Browser	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows Vista [®] , Microsoft [®] Windows [®] XP SP3 Windows [®] Internet Explorer [®] 0.0 (2b ti)t, Windows [®] Internet Explorer [®] 8.0 (32 bit) Windows [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3	
Network	GUI/Setup M System Log Supported Supported	lenu Language OS *2 *3 Browser WV-SW155 / WV-SW152	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® XP SP? Windows® Internet Explorer® 9.0 (32 bit), Windows® Internet Explorer® 8.0 (32 bit) Windows® Internet Explorer® 7.0 (32 bit), Microsoft® Internet Explorer® 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female)	
Network	GUI/Setup M System Log Supported Supported	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW155M /	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows Vista [®] , Microsoft [®] Windows [®] XP SP3 Windows [®] Internet Explorer [®] 0.0 (2b ti)t, Windows [®] Internet Explorer [®] 8.0 (32 bit) Windows [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3	
Network	GUI/Setup M System Lo Supported Supported Network IF	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M WV-SW152M	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Ites (Microsoft [®] Windows [®] XP SP3 Windows [®] Internet Explorer [®] 0.0 (32 bit), Windows [®] Internet Explorer [®] 8.0 (32 bit), Windows [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, M12 connector (male)	
Network	GUI/Setup M System Los Supported Supported Network IF	enu Language OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M WV-SW152M Aspect ratio:	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Itsenet Explorer [®] 8,0 (28 bit), Windows [®] Internet Explorer [®] 8,0 (28 bit), Windows [®] Internet Explorer [®] 8,0 (28 bit), Windows [®] Internet Explorer [®] 8,0 (28 bit), Microsoft [®] Internet Explorer [®] 8,0 (28 bit), Microsoft [®] Internet Explorer [®] 6,0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) WV-SW155:	
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Network	GUI/Setup M System Lo Supported Supported Network IF Image Resolution	enu Language OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M WV-SW152M Aspect ratio:	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows Vista [®] , Microsoft [®] Windows [®] TP SP3 Windows [®] Internet Explorer [®] 7.0 (32 bit), Windows [®] Internet Explorer [®] 8.0 (32 bit), Windows [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, M12 connector (male) WV-SW155: H.264: 1,280 x 960 / VGA (640 x 480) / QVGA (320 x 240), up to 30 fps WV-SW152:	
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Network	GUI/Setup M System Lo Supported Supported Network IF Image Resolution	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW155 / WV-SW155M / WV-SW155M / IV-SW152M Aspect ratio: [4 : 3]	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Itsenet Explorer [®] 0.0 (2b til), Windows [®] Internet Explorer [®] 0.0 (2b til), Windows [®] 0.0 (2b	
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Network	GUI/Setup M System Lo Supported Supported Network IF Image Resolution	Ienu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio:	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 9.0 (32 bit), Windows [®] Internet Explorer [®] 9.0 (32 bit), Windows [®] Internet Explorer [®] 9.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, M12 connector (male) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps WV-SW152: H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps	
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Network	GUI/Setup N System Lo. Supported Supported Network IF Resolution *3 *4	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW1552 WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9]	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 8.0 (2b id), Windows [®] Internet Explorer [®] 9.0 (32 bid), Windows [®] Internet Explorer [®] 9.0 (32 bid), Microsoft [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, RJ-45 connector (male) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps WV-SW152: H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 720 / 640 × 480 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 4.0 × 360 / 320 × 180, up to 30 fps JPEG: 4.0 × 360 / 320 × 180, up to 30 fps JPEG: 4.0 × 360 / 320 × 180, up to 30 fps	
Network	GUI/Setup N System Lo, Supported Supported Network IF Image Resolution *3 *4	tenu Language 9 OS *2 *3 Browser WV-SW155 // WV-SW152 WV-SW152/ WV-SW152/ Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 8.0 (32 bit), Windows [®] Internet Explorer [®] 7.0 (32 bit), Windows [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, RJ-45 connector (male) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 00 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 300 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 300 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 440 × 360 / 320 × 180, up to 30 fps JPEG: 440 × 360 / 320 × 180, up to 30 fps JPEG: 440 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 440 × 360 / 320 × 180, up to 30 fps H.264: 640 × 360 / 320 × 180, up to 30 fps	
Network	GUI/Setup N System Lo. Supported Supported Network IF Image Resolution *3 *4	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Itestine Explorer [®] 8,0 (28 bit), Windows [®] Internet Explorer [®] 7,0 (32 bit), Windows [®] Internet Explorer [®] 7,0 (32 bit), Windows [®] Internet Explorer [®] 6,0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps WV-SW152: H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JVEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 460 × 360 / 320 × 180, up to 30 fps JPEG: 460 × 360 / 320 × 180, up to 30 fps JPEG: 460 × 360 / 320 × 180, up to 30 fps JPEG: 460 × 360 / 320 × 180, up to 30 fps JPEG: 40 × 360 / 320 × 400 × 360 / 320 × 400 × 400 × 400 × 400 × 400 × 400 × 400 × 400 × 400 × 400 × 400 × 400 × 400 × 400 × 400 × 4	
Network	GUI/Setup N System Lo, Supported Supported Network IF Image Resolution *3 *4	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M WV-SW152M WV-SW152M IV-SW15	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 3.0 (32 bit), Windows [®] Internet Explorer [®] 3.0 (32 bit), Windows [®] Internet Explorer [®] 3.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, RJ-45 connector (male) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 300 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 300 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 300 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 300 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 300 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 300 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 300 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 400 × 600 / VGA (640 × 480) / 200 × 180, up to 30 fps JPEG: 400 × 600 / 200 × 180, up to 30 fps JPEG: 400 × 360 / 320 × 180, up to 30 fps JPEG: 400 × 360 / 320 × 180, up to 30 fps JPEG: 400 × 360 / 320 × 180, up to 30 fps JPEG: 400 × 360 / 320 × 180, up to 30 fps JPEG: 640 × 360 / 320 × 180, up to 30 fps JPEG: 640 × 360 / 320 × 180, up to 30 fps JPEG: 640 × 360 / 320 × 180, up to 30 fps JPEG: 640 × 360 / 320 × 180, up to 30 fps JPEG: 640 × 360 / 320 × 180, up to 30 fps JPEG: 640 × 360 / 320 × 180, up to 30 fps JPEG: 57 / 10 / 15 / 20 / 30 fps 1/3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps 1/3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps	
Network	GUI/Setup N System Lo. Supported Supported Network IF Image Resolution *3 *4	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 8.0 (22 bit), Windows [®] Internet Explorer [®] 9.0 (32 bit), Windows [®] Internet Explorer [®] 9.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, RJ-45 connector (male) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps WV-SW152: H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps WV-SW155: H.264: 1,280 x 720 / 640 × 360 / 320 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 × 360 / 320 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps UV-SW155: H.264: 40 x 360 / 320 x 180, up to 30 fps JPEG: 640 x 360 / 320 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 180, up to 30 fps Gonstant bitrate / Framerate priority / Best effort 1/3/5/7.5/10/15/20/30 fps 1/3/5/7.5/10/12/15/20/30 fpr 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072	
Network	GUI/Setup N System Lo. Supported Supported Network IF Image Resolution *3 *4	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 8,0 (2b it), Windows [®] Internet Explorer [®] 7,0 (32 bit), Windows [®] Internet Explorer [®] 7,0 (32 bit), Microsoft [®] Internet Explorer [®] 6,0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, RJ-45 connector (male) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps WV-SW152: H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 440 × 360 / 320 × 180, up to 30 fps JPEG: 440 × 360 / 320 × 180, up to 30 fps Constant bitrate / Framerate priority / Best effort 1/3 / 5 /7.5 / 10 / 15 / 20 / 30 fps 1/3 / 5 /7.5 / 10 / 15 / 20 / 30 fps 4.026 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192* kbps * H.264 mode only (WV-SW155)	
Network	GUI/Setup N System Lo. Supported Supported Network IF Image Resolution *3 *4	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 8.0 (22 bit), Windows [®] Internet Explorer [®] 9.0 (32 bit), Microsoft [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, RJ-45 connector (male) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps WV-SW152: H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps WV-SW155: H.264: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps UV-SW155: H.264: 640 × 360 / 320 × 180, up to 30 fps JPEG: 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 180, up to 30 fps JPEG: 400 × 360 / 320 × 180, up to 30 fps Gonstant bitrate / Framerate priority / Best effort 1/3/5/7.5/10/15/20/30 fps 1/3/5/7.5/10/12/15/20/30 fp 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072	
Network	GUI/Setup N System Lo. Supported Supported Network IF Image Resolution *3 *4	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client Image Quality	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 8,0 (2b it), Windows [®] Internet Explorer [®] 7,0 (32 bit), Windows [®] Internet Explorer [®] 7,0 (32 bit), Microsoft [®] Internet Explorer [®] 6,0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, RJ-45 connector (male) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps WV-SW152: H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 440 × 360 / 320 × 180, up to 30 fps JPEG: 440 × 360 / 320 × 180, up to 30 fps Constant bitrate / Framerate priority / Best effort 1/3 / 5 /7.5 / 10 / 15 / 20 / 30 fps 1/3 / 5 /7.5 / 10 / 15 / 20 / 30 fps 4.026 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192* kbps * H.264 mode only (WV-SW155)	
Network	GUI/Setup N System Lo. Supported Supported Network IF Image Resolution *3 *4	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client Image Quality Transmission	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Itermet Explorer [®] 8,0 (28 bit), Windows [®] Internet Explorer [®] 7,0 (28 bit), Windows [®] Internet Explorer [®] 7,0 (32 bit), Microsoft [®] Internet Explorer [®] 6,0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 40 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps LOM × SW152: H.264 : 840 × 360 / 320 × 180, up to 30 fps JPEG: 40 × 360 / 320 × 180, up to 30 fps JPEG: 40 × 360 / 320 × 180, up to 30 fps LOM × SW152: H.264 / 128 / 576 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192* kbps * H.264 mode only (WV-SW155) LOW / NORMAL / FINE	
Network	GUI/Setup N System Lo. Supported Supported Network IF Resolution "3 *4 H.264/ MPEG-4 *5 *6	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW155 WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client Image Quality Transmission Type	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 3.0 (32 bit), Windows [®] Internet Explorer [®] 3.0 (32 bit), Microsoft [®] Internet Statistics, Microsoft [®] Intere	
Network	GUI/Setup N System Lo. Supported Supported Network IF Image Resolution *3 *4	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client Image Quality Transmission Type Image Quality	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 9.0 (22 bit), Windows [®] 1.26 (20 bit), Windows [®] 1.26 (20 bit), Windows [®]	
Network	GUI/Setup N System Lo. Supported Supported Network IF Resolution "3 *4 H.264/ MPEG-4 *5 *6	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client Image Quality Transmission Type Image Quality Refresh Interval	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 3.0 (32 bit), Windows [®] Internet Explorer [®] 3.0 (32 bit), Microsoft [®] 3.0 (32 bit), Mic	
Network	GUI/Setup N System Lo. Supported Supported Network IF Resolution "3 *4 H.264/ MPEG-4 *5 *6	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152M WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client Image Quality Transmission Type Image Quality Refresh Interval Transmission	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 8,0 (22 bit), Windows [®] Internet Explorer [®] 7,0 (32 bit), Windows [®] Internet Explorer [®] 7,0 (32 bit), Microsoft [®] Internet Explorer [®] 6,0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, RJ-45 connector (male) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps WV-SW152: H.264: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 440 × 360 / 320 × 180, up to 30 fps JPEG: 464 × 360 / 320 × 180, up to 30 fps Gonstant bitrate / Framerate priority / Best effort 1/3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps JPEG: 484 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192* kbps * H.264 mode only (WV-SW155) LOW / NORMAL / FINE UNICAST / MULTICAST 10 steps	
Network	GUI/Setup N System Lo. Supported Supported Image Resolution *3 *4 H.264/ MPEG-4 *5 *6	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW155 / WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Type Image Quality Transmission Type Image Quality Refresh Interval Transmission Type	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 8.0 (22 bit), Windows [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, RJ-45 connector (male) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480) / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 720 / 640 × 480 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 480 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 180, up to 30 fps Gonstant bitrate / Framerate priority / Best effort 1/3/5/7.5/10/15/20/30 fps 1/3/5/7.5/10/12/15/20/30 fp 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192 ^e kbps ^e H.264 mode only (WV-SW155) LOW / NORMAL / FINE UNICAST / MULTICAST 10 steps 0.1 fps ~ 30 fps PULL / PUSH	
Network	GUI/Setup N System Lo Supported Supported Image Resolution *3 *4 H.264/ MPEG-4 *5 *6 JPEG Total Bit Ri	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152 WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client Image Quality Transmission Type Image Quality Refresh Interval Transmission Type te	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 3.0 (32 bit), Windows [®] Internet Explorer [®] 3.0 (32 bit), Windows [®] Internet Explorer [®] 3.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, RJ-45 connector (male) WV-SW155: H.264: 1,280 x 960 / VGA (640 x 480) / QVGA (320 x 240), up to 30 fps JPEG: 1,280 x 960 / VGA (640 x 480) / QVGA (320 x 240), up to 30 fps WV-SW152: H.264: 800 x 600 / VGA (640 x 480) / QVGA (320 x 240), up to 30 fps JPEG: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG: 40 x 360 / 320 x 180, up to 30 fps JPEG: 40 x 360 / 320 x 180, up to 30 fps JPEG: 40 x 360 / 320 x 180, up to 30 fps JPEG: 40 x 360 / 320 x 180, up to 30 fps LOW / NORMAL / Framerate priority / Best effort 1/3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps LOW / NORMAL / FINE UNICAST / MULTICAST 10 steps 0.1 fps ~ 30 fps PULL / PUSH 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,208 / 1,92 kbps / Unlimited 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimited 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,208 / 1,92 kbps / Unlimited 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,538 / 2,048 / 3,107 10 steps 0.1 fps ~ 30 fps	
Network	GUI/Setup N System Lo. Supported Supported Image Resolution *3 *4 H.264/ MPEG-4 *5 *6	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152 WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client Image Quality Transmission Type Image Quality Refresh Interval Transmission Type te	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 3.0 (32 bit), Windows [®] Internet Explorer [®] 3.0 (32 bit), Windows [®] Internet Explorer [®] 3.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, RJ-45 connector (male) WV-SW155: H.264: 1,280 x 960 / VGA (640 x 480) / QVGA (320 x 240), up to 30 fps JPEG: 1,280 x 960 / VGA (640 x 480) / QVGA (320 x 240), up to 30 fps WV-SW152: H.264: 800 x 600 / VGA (640 x 480) / QVGA (320 x 240), up to 30 fps JPEG: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG: 40 x 360 / 320 x 180, up to 30 fps JPEG: 40 x 360 / 320 x 180, up to 30 fps JPEG: 40 x 360 / 320 x 180, up to 30 fps JPEG: 40 x 360 / 320 x 180, up to 30 fps LOW / NORMAL / Framerate priority / Best effort 1/3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps LOW / NORMAL / FINE UNICAST / MULTICAST 10 steps 0.1 fps ~ 30 fps PULL / PUSH 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,208 / 1,92 kbps / Unlimited 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimited 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,208 / 1,92 kbps / Unlimited 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,538 / 2,048 / 3,107 10 steps 0.1 fps ~ 30 fps	
Network	GUI/Setup N System Lo Supported Supported Image Resolution *3 *4 H.264/ MPEG-4 *5 *6 JPEG Total Bit Ri	tenu Language 9 OS *2 *3 Browser WV-SW155 / WV-SW152 WV-SW152 WV-SW152M WV-SW152M Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/ Client Image Quality Transmission Type Image Quality Refresh Interval Transmission Type te	Up to 100 (Internal), Up to 4,000 (SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft [®] Windows [®] 7, Microsoft [®] Windows [®] Internet Explorer [®] 3.0 (32 bit), Windows [®] Internet Explorer [®] 3.0 (32 bit), Windows [®] Internet Explorer [®] 3.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector (female) 10Base-T / 100Base-TX, RJ-45 connector (male) WV-SW155: H.264: 1,280 × 960 / VGA (640 × 480 / QVGA (320 × 240), up to 30 fps JPEG: 1,280 × 960 / VGA (640 × 480 / 320 × 240, up to 30 fps JPEG: 1280 × 960 / 40 × 480 / 320 × 240, up to 30 fps JPEG: 800 × 600 / VGA (640 × 480 / QVGA (320 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480 / 20 × 240), up to 30 fps JPEG: 800 × 600 / VGA (640 × 480 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps JPEG: 640 × 360 / 320 × 180, up to 30 fps JPEG: 640 × 360 / 320 × 180, up to 30 fps JPEG: 640 × 360 / 320 × 180, up to 30 fps JPEG: 640 × 360 / 320 × 180, up to 30 fps JPEG: 640 × 360 / 320 × 180, up to 30 fps LOBASE / 1,280 × 720 / 640 × 360 / 320 × 180, up to 30 fps LOSA × 500 / 152 / 1768 / 1,024 / 1,536 / 2,048 / 3,072 4,096 / 8,192* kbps * 1,264 mode only (WV-SW155) LOW / NORMAL / FINE UNICAST / MULTICAST 10 steps 0.1 fps ~ 30 fps	

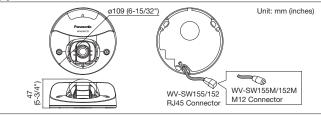
TV System		NTSC	PAL	
Network FTP Client				
Network	FIP Client	Alarm image transmission, FTP periodic transmission (When the FTP transmission		
		is failed, backup on an optional SDHC/SD memory card is available.)		
		Up to 14 users (Depends on network conditions)		
	SDHC/SD Memory Card	Manufactured by Panasonic		
	(Option)	SDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB		
		SD memory card: 256 MB, 512 MB, 1 GB, 2 GB		
		except miniSD card and microSD card		
	Face Detection	ON / OFF (with XML notification)		
1	Cellular Phone Compatibility	JPEG image		
	Mobile Terminal Compatibility	iPad, iPhone, iPod touch		
Alarm	Alarm Source	VMD, Command alarm		
	Alarm Actions	SDHC/SD memory recording, E-mail notification, Indication on		
		browser, FTP image transfer, Panasonic protocol output		
	Alarm Log	With SDHC/SD memory card: 5,000 logs, without SDHC/SD memory card: 1,000 logs		
	Schedule	VMD		
General	Safety/EMC Standard	UL (UL60950-1), FCC (Part15 ClassA),	CE, IEC60950-1	
		C-UL (CAN/CSA C22.2 No.60950-1),	(EN55022 ClassB, EN55024)	
		DOC (ICES003 ClassA)		
	Power Source and	PoE (IEEE802.3af compliant) / PoE 48 V: 56 mA (Class 1 device)		
	Power Consumption		. , , , , , , , , , , , , , , , , , , ,	
	Ambient Operating Temperature	-30 °C ~ +50 °C (-22 °F ~ 122 °F)		
	Ambient Operating Humidity	Less than 90 % (no condensation)		
	Impact Protection	IEC 60068-2-75 test Eh, 50 J / IEC 62262 IK10		
	Water and Dust Resistance	Camera: IP66 (IEC60529) *5		
	Railway Application	EN50155, EN50121		
	Dimensions	ø109 mm x 47 mm (H) (ø6-15/32" x 5-3/4" (H))		
	Mass (approx.)	350 g (0.77 lbs.)		
	Finish	Main body: Aluminum die cast, light gray, Dome section: Clear polycarbonate resin		
	man body, reaning the body, light gray, bothe bootton, order polyour bonate realing			

*1 Converted value
 *2 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®.
 *3 When using IPv6 for communication, use Microsoft® Windows® 7 or Microsoft® Windows Vista®.
 *4 Transmission for 2 streams can be individually set in the same compression method.
 *5 Only when installation work specified in this book is properly performed and appropriate waterproof treatment is performed.

Part Names and Functions



Appearance



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Important

 Safety Precaution: carefully read the operating instructions and installation manual before using this product.
 Panasonic can not be responsible for network performance and/or other manufacturer products that reside on the network.

- All TV pictures are simulated.

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



http://panasonic.net/security/ Printed in Japan (2A-079A)

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