

Super Dynamic Full HD Vandal Resistant Dome Network Camera

WV-SW559 WV-SW558



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.
- 1,080p 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%¹¹ 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. • 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-SW559)
- High sensitivity with Day & Night (Electrical) function:0.5 lx (Color), 0.3 lx (B/W) at F1.3 (WV-SW558)
- 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-SW559) • 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) / ELC / 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.

ELC: Up to 1/10,000 Electronic shutter is automatically applied for a fix iris lens.

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-SW559), 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-SW559)
- 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-SW559)
- 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
- IP66 rated water and dust resistant. Compatible with IEC60529 measurement standard.
- · 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 conditions

Standard Accessories

Installation Guide	
The following parts are used during installation procedures.	
4P alarm cable1 pc. Camera attachment1 pc.	

• 2P power cable1 pc.

...5 pcs. (of them, 1 for spare) Base cover.....1 pc. Mount bracket... .1 pc. Bit for tamperproof screw1 pc. Waterproof tape1 pc.

Fixing screws (M4 x 8 mm)

*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.

Optional Accessories

Ceiling Mount Bracket Smoke Dome Cover WV-Q169 WV-CW4S



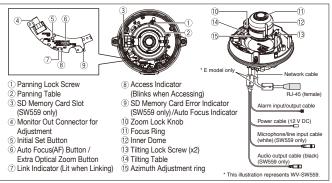
Specifications

Camera	1 Image Sensor		NTSC PAL	
	Image Sensor Effective Pixels		1/3 type MOS Sensor	
	Scanning Mode		Approx. 3.1 megapixel Progressive scan	
	Scanning Mode		4.51 mm (H) x 3.38 mm (V) {3/16 inches (H) x 1/8 inches (V)}	
			WV-SW559:	
	Minimum Illumination White Balance Light Control Mode Shutter Speed Super Dynamic Dynamic Range Face Super Dynamic Adaptive Black Stretch AGC Electronic Sensitivity UP Day & Night		Color: 0.5 lx, BW: 0.06 lx (F1.3, Auto slow shutter: Off (1/30s), Gain:On(High)	
			Color: 0.03 lx, BW 0.004 lx (F1.3, Auto slow shutter: Max. 16/30s, Gain:On(High))	
			WV-SW558:	
			Color: 0.5 lx, BW: 0.3 lx (F1.3, Auto slow shutter: Off (1/30s), Gain:On(High)	
			Color: 0.03 lx, BW 0.02 lx (F1.3, Auto slow shutter: Max. 16/30s, Gain:On(High)) *	
			AWC (2,000 ~ 10,000 K), ATW1 (2,700 ~ 6,000 K), ATW2 (2,000 ~ 6,000 K	
			Outdoor scene: Automatic integration of ALC and ELC	
			Indoor scene [50 Hz]: Automatic integration of ALC and ELC (up to 1/100 s	
			Indoor scene [60 Hz]: Automatic integration of ALC and ELC (up to 1/120 s	
			ELC: (up to 1/10,000 sec.)	
			Fix shutter: 1/30, 3/100, 3/120, 2/100, 2/120, 1/100, 1/120,	
			1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 (only at Super Dynamic Of	
			ON / OFF	
			52 dB typ. (Super Dynamic: ON, Light Control Mode: indoor)	
			ON / OFF (Only at Super Dynamic: ON)	
			ON / OFF (Only at Super Dynamic: OFF)	
			ON (LOW, MID, HIGH) / OFF	
			OFF / AUTO (Max. 2x (2/30 s), 4x (4/30 s), 6x (6/30 s), 10x (10/30 s), 16x (16/30 s)	
			WV-SW559: IR	
			Mode: AUTO1 / AUTO2 / ON / OFF, Level:High / Low, with external control	
			WV-SW558: Electrical	
			Mode: OFF / AUTO	
	Digital Noise Re	eduction	High / Low	
	Video Motion D	etection	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 Adjustm		ABF/MANUAL	
	Lens Distortion Cor	npensation	256 steps	
Lens	Focal Length		2.8 mm - 10 mm, 3.6x (8.4 mm - 30 mm 10.8x with Extra optical zoom (at 360P)	
	Angular Field of		H: 24.2 °(TELE) ~ 86.6 °(WIDE)	
	Maximum Apert		1 : 1.3 (WIDE) ~ 1 : 3.0 (TELE)	
	Focusing Rang	e	0.3 m ~ ∞	
Adjusting	ng Angle		Horizontal: 180 ° (clockwise), 160 ° (counterclockwise),	
Browser			Vertical: ±75°, Image tilt adjustment range: ±100°	
GUI	Cropping Camera Control		H.264(2) / JPEG(VGA or 640 x 360) / JPEG(QVGA or 320 x 180)	
GOI			Up to 4 image capture areas can be specified 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 Zoom		1x, 2x, 4x controlled by browser GUI	
	Camera Title		Up to 20 alphanumeric characters	
	Clock Display		Time: 12H/24H, Date: 5 formats on the browser, Summer time (Manual	
	Alarm Control		Reset	
	One Shot Capture		A still picture will be displayed on a newly opened window.	
	Audio		Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High	
			Audio Output: ON / OFF Volume adjustment: Low / Middle / High (Only at WV-SW559	
	SD Memory Data Download		Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloaded. (Only at WV-SW559	
	GUI/Setup Menu Language		English, Japanese, Italian, French, German, Spanish, Chinese, Russiar	
	System Log		Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory	
	Supported OS *3 *4 Supported Browser		when the recording format is set to JPEG.) error logs (Only at WV-SW559	
			Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® XP SP3	
			Windows® Internet Explorer® 9.0 (32 bit), Windows® Internet Explorer® 8.0 (32 bit	
	Supported Bro	W3C1		
N-4 ·		w36i	Windows® Internet Explorer® 7.0 (32 bit), Microsoft® Internet Explorer® 6.0 SP3	
Network	Network IF		Windows® Internet Explorer® 7.0 (32 bit), Microsoft® Internet Explorer® 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector	
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Network	Network IF Image Image C Resolution 2 mega Image C 1.3 meg Image C 3 mega H.264 ** Transmi Frams Bit Ra Bit Ra JPEG Image Refres Transm	apture Mode: pixel [16:9] apture Mode: a pixel [16:9] apture Mode: a pixel [4:3] apture Mode: a pixel [4:3] ission Mode a Rate te/Client a Quality sh Interval ission Type a Quality sh Interval	Windows* Internet Explore* 7.0 (32 bit), Microsoft* Internet Explore* 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector 10Base-T / 100Base-TX, RJ-45 connector H.264: 1,220 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 240), up to 30 fps H.264: 1,280 x 960, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7 / 5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps	
Network	Network IF Image Image C Resolution 2 mega Image C 1.3 mega Image C 1.3 mega Image C 3 mega Image C Bit Rafes Transmi JPEG Image Refres Transmi JTransmi	apture Mode: pixel [16:9] apture Mode: a pixel [16:9] apture Mode: aptixel [4:3] aptixel [4:3] ission Mode a Pate tte/Client a Quality sh Interval ission Type a Quality sh Interval ission Type	Windows [®] Internet Explorer [#] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3 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 7.0640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 2,048 x 1,536, 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 PULL / PUSH	
Network	Network IF Image Image C Image C 1.3 meg Image C 1.3 meg Image C 1.3 meg Image C 3 meg Refres Transm JPEG Image Refres Transm JPEG Image	apture Mode: pixel [16:9] apture Mode: a pixel [16:9] apture Mode: a pixel [16:9] apture Mode: a pixel [14:3] ission Mode b Rate ate/Client cl	Windows® Internet Explore* 7.0 (32 bit), Microsoft® Internet Explore* 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps H.264: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 240), up to 30 fps JPEG (MJPEG): 1,280 x 960, up to 15 fps JPEG (MJPEG): 2,48 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 6.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps	
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Network	Network IF Image Image C Image C 1.3 meg Image C 1.3 meg Image C 1.3 meg Image C 3 mega H.264 *5 Image Bit Ra Bit Ra Bit Ra Frams Transm JPEG Image Refres Transm JPEG Image Refres Transm JAUG Mode '0ny at Autio Mode '0ny at	apture Mode: pixel [16:9] apture Mode: a pixel [16:9] apture Mode: a pixel [4:3] apture Mode: a pixel [4:3] ission Mode a Pate te/Client e Quality sh Interval ission Type o Quality sh Interval ission Type a W-SW559	Windows [®] Internet Explorer* 7.0 (32 bit), Microsoft [®] Internet Explorer* 6.0 SP3 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): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 2,048 x 300 / VGA(40 x 480) / QVGA(320 x 240), up to 30 fps JPEG (MJPEG): 2,048 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps 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 OFF / Mic (Line) input / Audio output / Interactive (Falf duplex / Interactive (Full duplex /	
Network	Network IF Image Image C Image C 1.3 meg Image C 1.3 meg Image C 1.3 meg Image C 3 meg Refres Transm JPEG Image Refres Transm JPEG Image Refres Transm JAdio Compression "Ohj Audio Mode "Ohy Jean"	apture Mode: pixel [16:9] apture Mode: a pixel [16:9] apture Mode: a pixel [4:3] apture Mode: a pixel [4:3] apture Mode: a pixel [4:3] ission Mode a Rate a Pixel [4:3] b Rate a Quality sission Type a Quality sission Type a Quality bh Interval ission Type a Quality who Rate aptice [4:3] apture Mode: aptice [4:3] aptice [4:3]	Windows [®] Internet Explorer [#] 7.0 (32 bit), Microsoft [®] Internet Explorer [®] 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector 10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 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 JPEG (MJPEG): 2,204 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.20 / 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 G.726 (ADPCM) 32 kbps / 16 kbps, (2,411 dalf duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64/ 128 / 256 / 344 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimitet	
Network	Network IF Image Image C Image C 1.3 meg Image C 1.3 meg Image C 1.3 meg Image C 3 mega H.264 *5 Image Bit Ra Bit Ra Bit Ra Frams Transm JPEG Image Refres Transm JPEG Image Refres Transm JAUG Mode '0ny at Autio Mode '0ny at	apture Mode: pixel [16:9] apture Mode: a pixel [16:9] apture Mode: a pixel [4:3] apture Mode: a pixel [4:3] apture Mode: a pixel [4:3] ission Mode a Rate a Pixel [4:3] b Rate a Quality sission Type a Quality sission Type a Quality bh Interval ission Type a Quality who Rate aptice [4:3] apture Mode: aptice [4:3] aptice [4:3]	Windows® Internet Explore* 7.0 (32 bit), Microsoft® Internet Explore* 6.0 SP3 10Base* T / 100Base*TX, RJ-45 connector H.264: 1,920 x 1080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fps JPEG (MJPEG): 2,048 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 / 8, 192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.726 (ADPCM) 32 kbps / 16 kbps, G.7111 64 kbps OFF / Mic (Line) input / Audio output / Interactive (Fall duplex / Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 4,096 / 8,192 kbps / Unlimited Heir CV// DVPH, HTTP, HTP, FTP, FTP, SMP, DNS, MTP, SMWP, HOCP6/LOPMARE	
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Network	Network IF Image Image C Image C 1.3 meg Image C 1.3 meg Image C 3 mega Image C 3 mega Image C 3 mega Image C 3 mega Image C 3 mega Image C 7 arasm JPEG Image Refres Transm Auto Compression '0h) Autio Mode '0h) at Rate Supported Prot	apture Mode: pixel [16:9] apture Mode: a pixel [16:9] apture Mode: a pixel [4:3] apture Mode: a pixel [4:3] apture Mode: a pixel [4:3] ission Mode a Rate a Pixel [4:3] b Rate a Quality sission Type a Quality sission Type a Quality bh Interval ission Type a Quality who Rate aptice [4:3] apture Mode: aptice [4:3] aptice [4:3]	Windows® Internet Explore* 7.0 (32 bit), Microsoft® Internet Explore* 6.0 SP2 10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 x 1.080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 960, up to 15 fps JPEG (MJPEG): 2,048 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0,25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps ~ 30 fps PULL / PUSH 6.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps OFF / Mic [Line] input / Audio output / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 344 / 512 / 768 / 1,024 / 0.96 / 8,192 kbps / Unlimitte IP4: TOPIP, UDPIP, HTTP, HTTPS, RTP.FP, RTP.RTP.FTP, SMTP, DMCP, DNS, DNS, NTP, SMMP, UDPP, MTP, HTPS, RTP.FP, RTP.RTP.FTP, SMTP, DMCP, DNS, DNS, NTP, SMMP, UDPP, MTP, MTPR, RTP.FP, RTP.RTP.RTP, FTP, SMTP, DMCP, DNS, DNS, NTP, SMMP, UDPP, MTP, MAP	
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Network	Network IF Image Image C Image Image C Image C Image	apture Mode: pixel [16:9] apture Mode: a pixel [16:9] apture Mode: a pixel [14:3] apture Mode: a pixel [4:3] ission Mode a Rate a Pate a Quality sh Interval ission Type a Quality sh Interval ission Type Quality D Quality D Qption) N559	Windows® Internet Explore* 7.0 (32 bit), Microsoft® Internet Explore* 6.0 SP3 10Base-T / 100Base-TX, RJ-45 connector H.264: 1,920 x 1080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fps JPEG (MJPEG): 2,048 x 1,536, up to 15 fps Constant bitrate / Framerate priority / Best effort 1 / 3 / 5 / 7.5 / 12 / 10 / 15 / 20 / 30 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 / 8,192 / 10,240 / 12,288 / 14,336 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps ~ 30 fps PULL / PUSH 6.726 (ADPCM) 32 kbps / 16 kbps, G.7111 64 kbps OFF / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex 4 / 128 / 256 / 384 / 512 / 768 / 10.24 / 204 / 30.96 / 8,192 kbps / Unlimited IPA (108 / 108 / 108 / 108 / 108 / 108 / 104 / 204 / 340 / 86 / 8,192 kbps / Unlimited IPA (108 / 108 / 108 / 108 / 108 / 104 / 204 / 306 / 8, 192 kbps / Unlimited IPA (109 / IPA / INTER, RTP, RTP, RTP, RTP, RTP, RTP, RTP, RT	

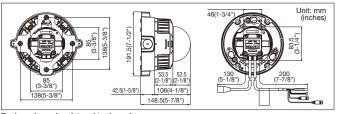
TV System		NTSC	PAL	
Network	Mobile Terminal Compatibility'6	iPad, iPhone, iPod touch (iOS 4.2.1 or later), Android™ mobile termina		
	Face Detection	ON / OFF (with XML notification)		
Alarm	Alarm Source	WV-SW559		
		3 terminals input, VMD, Command alarm		
		WV-SW558		
		1 terminal input, VMD, Command alarm		
	Alarm Actions	SDXC/SDHC/SD memory recording*, E-mail notification, Indication on		
		browser, FTP image transfer, Panasonic protocol output *Only at WV-SW559		
	Alarm Log	With SDXC/SDHC/SD memory card*: 5,000 logs,		
		without SDXC/SDHC/SD memory card: 1000 logs *Only at WV-SW559		
	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-SW559	(monaural input) (Applicable microphone: Plug-in power type)		
		Supply voltage: 2.5 V ±0.5 V Input impedance: approx. 2 kΩ		
	Audio Output	ø3.5 mm stereo mini jack (monaural output) Line level		
	*Only at WV-SW559	, , , , ,		
	External I/O Terminals	WV-SW559		
		ALARM IN 1/DAY/NIGHT IN, ALARM IN 2/ALARM OUT, ALARM IN 3/AUX O		
WV-SW558				
		ALARM IN, ALARM OUT, AUX OUT		
General	Safety/EMC Standard	UL (UL60950-1), FCC (Part15 ClassA),	CE, IEC60950-1	
		C-UL (CAN/CSA C22.2 No.60950-1),	(EN55022 ClassB, EN55024)	
	-	DOC (ICES003 ClassA)		
	Power Source and	WV-SW559		
	Power Consumption	12V DC: 850 mA *, PoE (IEEE802.3af compliant) / PoE 48 V: 180 mA (Class 0 device)		
		WV-SW558		
		12V DC: 830 mA*, PoE (IEEE802.3af compliant) / PoE 48 V: 175 mA (Class 0 device)		
	Ambient Operating Temperature	* FOR UL LISTED MODEL(S), ONLY CONNECT 12 V DC CLASS 2 POWER SUPPLY.		
	Ambient Operating Temperature			
	Water and Dust Resistance			
	Shock Resistance	Compliant with 50 J (IEC 60068-2-75)/IK10 (IEC 62262)		
	Dimensions	g164 mm x 146 mm (H) x 191.5 mm (W)		
	Dimensions	{ø6-15/32 inches x 5-3/4 inches (H) x 7-17/32 inches (W)} (Base Cover)		
	Mass (approx.)	(86-15/32 inches x 5-3/4 inches (H) x 7-17/32 inches (W)} (Base Cover)		
	Finish	Main body: Aluminum die cast, light gray,		
		Dome section: Clear polycarbonate resin		
	Dome section. Clear polycarbonate resin		iato reall	

1 Converted value
 *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/pss/security/support/info.html).

Part Names and Functions



Appearance



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 Important

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

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 - Bassonic can not be responsible for network performance and/or other manufacturer products that network.

 - Safety Can on the network.

 - Safety

- Specifications are subject to change without notice.
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 All product pictures are NTSC models.

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http://panasonic.net/security/ Printed in Japan (2A-084BA)

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