Panasonic BUSINESS

Super Dynamic Full HD Dome Network Camera

WV-SFN130

Super Dynamic HD Dome Network Camera WV-SFN110



i-VMD Type2: Intruder Detection / Loitering Detection / Direction Detection / Scene Change Detection / Object Detection / Cross Line Detection

Full HD / 1,920 x 1,080 Compact Dome Network Camera (wv-sfn130) HD / 1,280 x 720 Compact Dome Network Camera (wv-sfn110)

Key Features

- 1080p Full HD images up to 30 fps (WV-SFN130)
- 720p HD images up to 30 fps (WV-SFN110)
- Multiple H.264 (High profile) streams and JPEG streams ensure simultaneous real time monitoring and high resolution recording.
- Super Dynamic and ABS (Adaptive Black Stretch) technologies deliver 122 dB wider dynamic range compared to conventional cameras.
- Face Super Dynamic Range technology ensures clear face image.
- High sensitivity with Day/Night (Electrical) function:
 0.1 lx (Color), 0.08 lx (B/W) at F2.3 (WV-SFN130)
 0.04 lx (Color), 0.03 lx (B/W) at F2.3 (WV-SFN110)
- VIQS (Variable Image Quality on Specified area) technology allows the designated eight areas 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.
- Smart coding Technology:
- **Group of Pictures (GOP) control** function removes unnecessary information from the frame for realizing efficient encoding.
- **Auto VIQS** (Variable Image Quality on Specified area) function recognizes the no movement area in a video automatically and lowering the resolution of it to reduce the data size.
- With the latest bit rate reducing technology, **GOP control**, **Auto VIQS**, **3D-MNR** (Multi process Noise Reduction) and **FDF** (Frequency Divided Filter), the network bandwidth and the disk space of recorder can be saved.
- Progressive scan ensures clear images with less motion blur and no tearing even when the subject is moving.
- Light control modes :
- ELC (maximum exposure time) :
- The lightning control will be automatically performed by adjusting shutter speed in the range of ELC.
- 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
- Privacy Zone can mask up to 8 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.
- SDXC/SDHC/SD Memory card slot for manual recording (H.264 / JPEG), alarm recording (H.264 / JPEG) and backup upon network failure (JPEG)
- Face detection function detects the position of human face and the information is sent by XML or video stream. (Optional)
- Can be added new intelligent extension software (Optional) in addition to built-in VMD (Video Motion Detection), alarm function.
- Fog compensation function equipped as standard.
- HLC (High Light Compensation) technology reduces strong light sources such as vehicle headlights to prevent camera being blinded.
- 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 / Portuguese / Russian / Chinese / Japanese
- IPv4/IPv6 protocol supported
- Supports SSL, DDNS (viewnetcam, RFC2136)
- ONVIF compliant model
- Low profile design for discrete installation
- Wide coverage

WV-SFN130 [16 : 9 mode] Horizontal : 108 $^\circ$ Vertical : 60 $^\circ$ WV-SFN110 [16 : 9 mode] Horizontal : 100 $^\circ$ Vertical : 55 $^\circ$

Optional Accessory

Smoke Dome Cover WV-CW6SA



Specifications

Camera	Image Sen		Approx. 1/3 type MOS image sensor
	Scanning Mode Scanning WV-SFN130		Progressive 5.28 mm (H) x 2.97 mm (V)
	Area	WV-SFN130	5.28 mm (H) x 2.97 mm (V) {7/32 inches (H) x 1/8 inches (V)}
		WV-SFN110	4.86 mm (H) x 3.65 mm (V)
	Minimum	MAY OFNIAGO	{3/16 inches (H) x 5/32 inches (V)}
	Minimum Illumination	WV-SFN130	Color: 0.1 lx (F2.3, Maximum shutter: Off (1/30s), AGC: High) 0.007 lx (F2.3, Maximum shutter: Max. 16/30s, AGC: High) BW: 0.08 lx (F2.3, Maximum shutter: Off (1/30s), AGC: High)
		W/V-SEN110	0.005 lx (F2.3, Maximum shutter: Max. 16/30s, AGC: High) Color: 0.04 lx (F2.3, Maximum shutter: Off (1/30s), AGC: High)
		WV-SFIVITO	0.003 lx (F2.3, Maximum shutter : Max. 16/30s, AGC : High) 0.003 lx (F2.3, Maximum shutter : Off (1/30s), AGC : High) 0.002 lx (F2.3, Maximum shutter : Max. 16/30s, AGC : High)
	White Balance		AWC (2,000 - 10,000 K), ATW1 (2,700 - 6,000 K), ATW2 (2,000 - 6,000
	Light Control Mode		ELC / Indoor scene 50 Hz / Indoor scene 60 Hz
	Super Dynamic Dynamic range		On (High) / On (Normal) / Off 122 dB typ. (Super Dynamic : On)
	Face Super Dynamic		On/ Off (only when Super Dynamic : On)
	Adaptive Black Stretch		On / Off (only when Super Dynamic : Off)
	Back light compensation (BLC)		On/ Off (only when Super Dynamic : Off)
	Fog compensation High light compensation (HLC)		On / Off (only when Super Dynamic/ Adaptive black stretch: Off) On / Off (only when Super Dynamic / Back light compensation (BLC): Of
	AGC Maximum shutter		On (High) / On (Mid) / On (Low) / Off
	Maximum snutter		max. 1/10,000 s, max. 1/4,000 s, max. 1/2,000 s, max. 1/1,000 s, max. 1/500 s, max. 1/250 s, max. 1/1250 s, max. 1/120 s, max. 2/120 s, max. 2/100 s, max. 3/120 s, max. 3/100 s, max. 1/30 s, max. 2/30 s, max. 4/30 s, max. 6/30 s,
	Day/Night (Electrical)		max. 10/30 s, max. 16/30 s Off / Auto
	Digital Noise Reduction		High / Low
	Video Motion Detection		On / Off, 4 areas available
	Privacy Zone		On / Off (up to 8 zones available)
	VIQS Camera Tit	le (OSD)	On / Off (up to 8 zones available) Up to 20 characters (alphanumeric characters, marks), On / O
Lens	Focal Leng		2.8 mm {1/8 inches}
			Choose from 3 levels of x1, x2, x4
	Zoom rauo		x1 WV-SFN130 : 3x Extra zoom (2.0 mega pixel [16 : 9] mode) WV-SFN110 : 2x Extra zoom
	Angular	WV-SFN130	[16:9 mode] Horizontal: 108 ° Vertical: 60 °
	Field of View	1407 0511110	[4 : 3 mode] Horizontal : 89 ° Vertical : 66 °
		WV-SFN110	[16:9 mode] Horizontal: 100 ° Vertical: 55 °
	Maximum a	aperture ratio	[4 : 3 mode] Horizontal : 100 ° Vertical : 73 ° 1 : 2.3
	Maximum a	aperture ratio	[4:3 mode] Horizontal: 100 ° Vertical: 73 °
Adjusting	Focus Dist	aperture ratio	[4 : 3 mode] Horizontal : 100 ° Vertical : 73 ° 1 : 2.3 0.5 m - ∞ Installing on a ceiling
Adjusting	Focus Dist	aperture ratio	[4 : 3 mode] Horizontal : 100 ° Vertical : 73 ° 1 : 2.3 0.5 m - ∞ Installing on a ceiling Horizontal : -20 ° to +20 ° Vertical : -20 ° to 0 ° (right under) to +90 ° (right beside)
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Browser GUI	Camera Cc Display Mc Camera Tit Clock Disp One Shot C SD Memor Data Down GUI/Setup Menu Lang System Lo Supported Network IF Image Resolution	perture ratio ance pontrol orde le lay Capture y Iload Juage g OS *2 *3 Browser	[4 : 3 mode] Horizontal : 100 ° Vertical : 73 ° 1 : 2.3 0.5 m - ∞ Installing on a ceiling Horizontal : -20 ° to +20 ° Vertical : -20 ° to +20 ° Vertical : -20 ° to 0 ° (right under) to +90 ° (right beside) Installing on a wall Horizontal : +90° to −90° Vertical : -20 ° to 0 ° (right beside) to +90 ° (right under) Brightness 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. Up to 20 alphanumeric characters Time : 12H/24H/Off, Date : 5 formats on the browser, Summer time (Manua A still picture will be displayed on a newly opened window. Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloaded. English, Italian, French, German, Spanish, Portuguese, Chinese, Russian, Japanese Up to 100 (Internal), Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft® Windows® 10 Microsoft® Windows® 8.1 Microsoft® Windows® 8.1 Microsoft® Windows® 8 Microsoft® Windows® 8 Microsoft® Windows® 7 Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 9 (32 bit) Safari*, Google Chrome*, Mozilla Firefox* *with limitations in the part of setting screen 10Base-T / 100Base-TX, RJ45 connector (female) *2 mega pixel [16 : 9] 1,920 x 1,080 * 720 / 640 x 360 / 320 x 180 / 160 x 9 **1,920 x 1,080 mode is only available for H.264(1), H.264(2
Browser GUI	Camera Cc Display Mc Camera Tit Clock Disp One Shot C SD Memor Data Down GUI/Setup Menu Lang System Lo Supported Network IF Image Resolution	perture ratio ance pontrol orde le lay Capture y Iload Juage g OS *2 *3 Browser	[4 : 3 mode] Horizontal : 100 ° Vertical : 73 ° 1 : 2.3 0.5 m - ∞ Installing on a ceiling Horizontal : -20 ° to +20 ° Vertical : -20 ° to +20 ° Vertical : -20 ° to 0 ° (right under) to +90 ° (right beside) Installing on a wall Horizontal : +90° to −90° Vertical : -20 ° to 0 ° (right beside) to +90 ° (right under) Brightness 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. Up to 20 alphanumeric characters Time : 12H/24H/Off, Date : 5 formats on the browser, Summer time (Manux A still picture will be displayed on a newly opened window. Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloaded. English, Italian, French, German, Spanish, Portuguese, Chinese, Russian, Japanese Up to 100 (Internal), Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft® Windows® 10 Microsoft® Windows® 18 Microsoft® Windows® 8 Microsoft® Windows® 8 Microsoft® Windows® 8 Microsoft® Windows® 10 Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 9 (32 bit) Windows® 10 Internet Explorer® 9 (32 bit) Windows® 10 Internet Explorer® 9 (32 bit) Windows® 10 Internet Explorer® 9 (32 bit) Windows® 1
Adjusting Browser GUI	Camera Cc Display Mc Camera Tit Clock Disp One Shot C SD Memor Data Down GUI/Setup Menu Lang System Lo Supported Network IF Image Resolution	perture ratio ance pontrol orde le lay Capture y Iload Juage g OS *2 *3 Browser	[4 : 3 mode] Horizontal : 100 ° Vertical : 73 ° 1 : 2.3 0.5 m - ∞ Installing on a ceiling Horizontal : -20 ° to +20 ° Vertical : -20 ° to +20 ° Vertical : -20 ° to 0 ° (right under) to +90 ° (right beside) Installing on a wall Horizontal : +90° to −90° Vertical : -20 ° to 0 ° (right beside) to +90 ° (right under) Brightness 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. Up to 20 alphanumeric characters Time: 12H/24H/Off, Date : 5 formats on the browser, Summer time (Manux A still picture will be displayed on a newly opened window. Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloaded. English, Italian, French, German, Spanish, Portuguese, Chinese, Russian, Japanese Up to 100 (Internal), Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft® Windows® 10 Microsoft® Windows® 8.1 Microsoft® Windows® 8.1 Microsoft® Windows® 8 Microsoft® Windows® 7 Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 9 (32 bit) Windows® Internet Explorer® 9 (32 bit) Windows® Internet Explorer® 9 (32 bit) Windows® Internet Explorer® 8 (32 bit) Safari*, Google Chrome*, Mozilla Firefox* *with limitations in the part of setting screen 10Base-T / 100Base-TX, RJ45 connector (female) *2 mega pixel [16: 9] 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180 / 160 x 9 **1,920 x 1,080 mode is only available for H.264(1), H.264(2 *2 mega pixel [4: 3] 2,048 x 1,536 *4 / 1,280 x 960 / 800 x 600 / VGA / 400 x 300 /
Browser GUI	Camera Cc Display Mc Camera Tit Clock Disp One Shot C SD Memor Data Down GUI/Setup Menu Lang System Lo Supported Network IF Image Resolution	perture ratio ance ontrol de le lay Capture y lload guage g OS "2"3 Browser	[4 : 3 mode] Horizontal : 100 ° Vertical : 73 ° 1 : 2.3 0.5 m - ∞ Installing on a ceiling Horizontal : -20 ° to +20 ° Vertical : -20 ° to 0 ° (right under) to +90 ° (right beside) Installing on a wall Horizontal : +90° to −90° Vertical : -20 ° to 0 ° (right beside) to +90 ° (right under) Brightness 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. Up to 20 alphanumeric characters Time: 12H/24H/Off, Date :5 formats on the browser, Summer time (Manus A still picture will be displayed on a newly opened window. Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloaded. English, Italian, French, German, Spanish, Portuguese, Chinese, Russian, Japanese Up to 100 (Internal), Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft® Windows® 10 Microsoft® Windows® 8 Microsoft® Windows® 8 Microsoft® Windows® 7 Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 8 (32 bit) Safan', Google Chrome*, Mozilla Firefox* **with limitations in the part of setting screen 10Base-T/100Base-TX, RJ45 connector (female) *2 mega pixel [16 : 9] 1,920 × 1,080 / 1,280 × 720 / 640 × 360 / 320 × 180 / 160 × 9 **1,920 × 1,080 / 1,280 × 720 / 640 × 360 / 320 × 180 / 160 × 9 **1,920 × 1,080 / 1,280 × 960 / 800 × 600 / VGA / 400 × 300 / QVGA / 160 × 120 **1,600 × 1,200 **node is only available for H.264(1), H.264(2 *3 mega pixel [4 : 3] 2,048 × 1,536 ** 4 1,280 × 960 / 800 × 600 / VGA / 400 × 300 / QVGA / 160 × 120 **2,048 × 1,536 **node is only available for H.264(1), H.264(2 **3 mega pixel [4 : 3] 2,048 × 1,536 **node is only available for H.264(1), H.264(2 **3 mega pixel [4 : 3] 2,048 × 1,536 **node is only available for H.264(1), H.264(2 **3 mega pixel [4 : 3] 2,048 × 1,536 **node is only available for H.264(1), H.264(2 **3 mega pixel [4 : 3]
Browser GUI	Camera Cc Display Mc Camera Tit Clock Disp One Shot C SD Memor Data Down GUI/Setup Menu Lang System Lo Supported Network IF Image Resolution	perture ratio ance ontrol de le lay Capture y lload guage g OS "2"3 Browser	[4 : 3 mode] Horizontal : 100 ° Vertical : 73 ° 1 : 2.3 0.5 m - ∞ Installing on a ceiling Horizontal : -20 ° to +20 ° Vertical : -20 ° to +20 ° Vertical : -20 ° to 0 ° (right under) to +90 ° (right beside) Installing on a wall Horizontal : +90° to −90° Vertical : -20 ° to 0 ° (right beside) to +90 ° (right under) Brightness 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. Up to 20 alphanumeric characters Time : 12H/24H/Off, Date : 5 formats on the browser, Summer time (Manu A still picture will be displayed on a newly opened window. Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloaded. English, Italian, French, German, Spanish, Portuguese, Chinese, Russian, Japanese Up to 100 (Internal), Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error logs Microsoft® Windows® 1. Microsoft® Windows® 8.1 Microsoft® Windows® 8.1 Microsoft® Windows® 8.1 Microsoft® Windows® 8 Microsoft® Windows® 7 Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 9 (32 bit) Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 9 (32 bit) Windows® Internet Explorer® 9 (32 bit) Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 9 (32 bit) Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 9 (32 bit) Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 9 (32 bit) Windows® Internet Explorer® 10 (32 bit) Windows® Internet Explorer® 10 (32 bit) Window

Network	Image con	npression meth	and
INCLINOIR	H.264 *5		Constant bit rate / Variable bit rate / Frame rate /
	11.204	Mode	Best effort / Advanced VBR
		Frame Rate	1/3/5/7.5/10/12/15/20/30 fps
		Bit Rate per	64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 /
		Client	4,096 / 6,144 / 8,192 / 10,240 / 12,288 / 14,336 / 16,384 /
		0	20,480 / 24,576 / 30,720 / 40,960 kbps
			* The available range of the H.264 bit rate varies depending on
			the setting selected for "image capture size".
		Image Quality	<when best="" bit="" constant="" effort="" is="" or="" rate="" selected=""></when>
		inago dadiniy	Low / Normal / Fine
			<when bit="" is="" rate="" selected="" variable=""></when>
			0 Super fine /1 Fine /2 / 3 / 4 / 5 Normal / 6 / 7 / 8 / 9 Low
		Smart Coding mode	On (Low / Mid / High) / Off (Only when "Variable bit rate" is selected.)
			Unicast / Multicast
	JPEG	Image Quality	
	0.20		0.1 fps - 30 fps
		Transmission Type	
	Cropping function *6		Off / JPEG (1) / JPEG (2) / JPEG (3) / H.264 (1) / H.264 (2) /
			H.264 (3) / H.264 (4) / H.264 (all)
			Alarm action On/ Off
	Audio comp	ression method	G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps, AAC-LC *7 64 kbps,
	Audio compression method		AAC-LC (HIGH QUALITY)*8 64 kbps / 96 kbps / 128 kbps
	Bandwidth control		64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps
	Supported		IPv6: TCP/IP, UDP/IP, HTTP, HTTPS, RTP, FTP, SMTP, DNS,
	Cupported	111010001	NTP, SNMP, DHCPv6, MLD, ICMP, ARP, DiffServ
			IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP, RTP/RTCP,
			FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, UPnP,
			IGMP, ICMP, ARP, DiffServ
	FTP Client		Alarm image transmission, FTP periodic transmission
	l II Olloni		(When the FTP transmission is failed, backup on an optional
			SDXC/SDHC/SD memory card is available.)
	Maximum concurrent		Up to 14 users (Depends on network conditions)
	access number		op to 11 doors (popular of notificing)
	SDXC/SDHC/SD		Manufactured by Panasonic (SD speed class 4 or higher)
	Memory Card(Option)		SDXC memory card : 64 GB, 128 GB
			SDHC memory card : 4 GB, 8 GB, 16 GB, 32 GB
			SD memory card : 2 GB
			(except miniSD card and microSD card)
	Cellular Phone Compatibility		JPEG image
	Mobile Terminal Compatibility		iPad, iPhone, iPod touch(iOS 4.2.1 or later),
			Android TM mobile terminals
Alarm	Alarm Source		VMD, Command alarm, Audio detection alarm
, ua	Alarm Actions		SDXC/SDHC/SD memory recording, E-mail notification,
	7 110117 110110110		Indication on browser, FTP image transfer, Panasonic protocol output
	Alarm Log		With SDXC/SDHC/SD memory card : 5,000 logs
	Schedule		VMD
General		C Standard	<safety></safety>
ui			UL (UL60950-1), C-UL (CAN/CSA C22.2 No.60950-1), CE, IEC60950-1
			<emc></emc>
			FCC Part15 ClassA, ICES003 ClassA, EN55022 ClassB, EN55024
	Power Source and		PoE (IEEE802.3af compliant)
	Power Consumption		48 V DC : 90 mA / Approx. 4.3 W (Class 2 device)
	Ambient		0 °C to +40 °C {32 °F to 104 °F}
	Operating Temperature		, , , , , , , , , , , , , , , , , , , ,
	Ambient Operating Humidity		10 % to 90 % (no condensation)
	Built-in microphone		Nondirectional electret condenser microphone
	Dimensions		ø104 mm × 47 mm (H) {ø4-3/32 inches x 1-27/32 inches (H)}
			Dome radius 54 mm {2-1/8 inches}
	Mass (approx.)		Approx. 260 g {0.57 lbs}
	Finish		Main body: ABS resin, sail white
			Dome cover: Acrylic resin, Clear

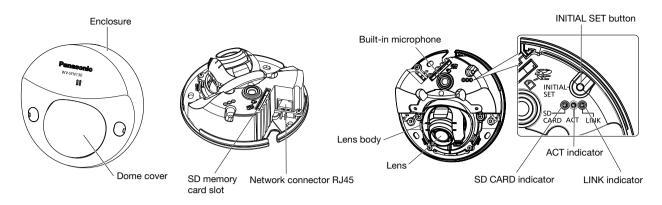
- $^{\star}2$ Refer to "Notes on Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10" on the provided CD-ROM for further information about system requirements for a PC and precautions when using Microsoft® Windows® 10 or Microsoft® Windows® 8.1 or Microsoft® Windows® 8 or Microsoft® Windows® 7.
- milicrosoft® Windows® 7.

 3 When using IPv6 for communication, use Microsoft® Windows® 10 or Microsoft® Windows® 8.1 or Microsoft® Windows® 8 or Microsoft® Windows® 7.
- *4 Used by super resolution techniques
- *5 Transmission for 4 streams can be individually set.
- *6 Cropping setting is not possible for stream set to maximum resolution.

 *7 Only use AAC-LC (Advanced Audio Coding Low Complexity) when recording audio on an SD memory card.

 *8 When "AAC-LC (HIGH QUALITY)" is selected, there are limitations about the following function.
- \cdot "SD memory card" is not available.
- · "Audio detection" is not available.
- · HTTPS is not available.
- · The maximum concurrent access number is limited to 5

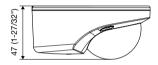
Part Names and Functions

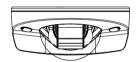


* These illustrations are WV-SFN130.

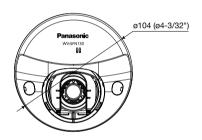
Appearance

Unit: mm (inches)









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