



DESCRIPTION

720p HD images up to 30 fps

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 : 0.04 lx (Color), 0.03 lx (B/W) at F2.3

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.

With the latest bit rate reducing technology, GOP control, 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

Electronics equipment used on rolling stock

EN50155-T3 (railroad standard) / EN50121, EN45545 compliant

ECE-R10 (E approval), EN50498 compliant (WV-SFV110M only)

Wide coverage

[16 : 9 mode] Horizontal : 100 ° Vertical : 55 °

The camera conforms to the IP66, Type 4X (UL50) is compliant with NEMA 4X ratings, and provides high dust resistance and waterproof performance.

Vandal resistant mechanism for high reliability

TECHNICAL CHARACTERISTICS

Brand : PANASONIC

Part number : WV-SFV110M

Représentation / réalisation :

Type : IP security camera

Alarm input/output : Y

Audio system : 2-way

Built-in microphone : Y

Cabling technology : 10/100Base-T(X)

Camera shutter speed : 1/10000; 1/4000; 1/2000; 1/1000; 1/500; 1/250; 1/120; 1/100; 2/120; 2/100; 3/120; 3/100; 1/30; 2/30; 4/30; 6/30; 10/30; 16/30 s

Card reader integrated : Y

Closest focusing distance : 0.5 m

Compatible memory cards : SD, SDHC, SDXC

Connectivity technology : Wired

Day/night mode : Y

Diameter : 10.9 cm

Digital zoom : 4x

Ethernet interface type : Fast Ethernet

Ethernet LAN : Y

Fixed focal length : 2.8 mm

Form factor : Dome

Frame rate : 30 fps

Height : 54 mm

Housing material : Aluminium

International Protection (IP) code : IP66

Languages support : Traditional Chinese, German, English, Spanish, French, Italian, Japanese, Portuguese, Russian

Lens viewing angle, horizontal : 100°

Lens viewing angle, vertical : 55°

Maximum memory card size : 128 GB

Maximum resolution : 1280 x 720 pixels

Microphone in : Y

Minimum illumination : 0.002 lx

Mounting type : Ceiling/wall

Noise reduction : Y

Normal focusing range : 0.5 -

Number of cameras : 1
Number of languages : 9
Number of users : 14 user(s)
Operating relative humidity (H-H) : 10 - 90%
Operating temperature (T-T) : -40 - 60 °C
Optical sensor size : 25.4 / 3 mm (1 / 3»)
Pan range : -20 - 20°
Placement supported : Indoor
Power consumption : 90 mA
Power consumption (Power over Ethernet (PoE)) : 4.3 W
Power over Ethernet (PoE) : Y
Power source type : PoE
Privacy masking : Y
Product colour : Grey
Progressive scan : Y
Protection features : Dust resistant, Water resistant
Reset button : Y
Sensor type : MOS
Supported graphics resolutions : 160 x 120, 160 x 90, 320 x 180, 400 x 300, 640 x 360, 800 x 600 (SVGA), 1280 x 720 (HD 720), 1280 x 960
Supported network protocols : IPv6: TCP/IP, UDP/IP, HTTP, HTTPS, RTP, FTP, SMTP, DNS, NTP, SNMP, DHCPv6, MLD, ICMP, ARP; IPv4: TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP, RTP/RTCP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, UPnP, IGMP, ICMP, ARP
Supported video modes : 360p, 720p, 960p, 1080p
Tilt angle range : -20 - 90°
Video compression formats : H.264, M-JPEG
Video motion detection : Y
Weight : 350 g
White balance : ATW, AWC
Wide Dynamic Range (WDR) : Y
Windows operating systems supported : Y
Zoom capability : Y