Super Dynamic Full HD Vandal Resistant & Waterproof Dome Network Camera

Key Features

- **1080p Full HD / 720p HD images up to 60 fps**
- **Approximate 1/3 inches, high sensitivity MOS image sensor**
- **Super high resolution at Full HD/1,920 x 1,080 created by high sensitivity MOS Sensor. (WV-SFV631L only)**
- **Multiple H.264 (High profile) streams (max. 4 streams) and JPEG streams ensure simultaneous real time monitoring and high resolution recording by new enhanced “UniPhier”, Panasonic’s proprietary System LSI platform.**
- **Maximum Screen Size is 2,048 x 1,536 @30fps, H.264 (WV-SFV631L only)**
  - Used by super resolution techniques
- **Enhanced Super Dynamic and ABS (Adaptive Black Stretch) technologies deliver 133 dB wider dynamic range compared to conventional cameras.**
- **Multi process NR & 3D-DNR ensures noise reduction in various conditions.**
- **High sensitivity with Day & Night (IR) function:**
  - WV-SFV631L: 0.04 lx (Color), 0.01 lx (B/W) at F1.3
  - WV-SFV611L: 0.01 lx (Color), 0.003 lx (B/W) at F1.3
- **IR LED equipped: The equipped infrared LEDs make it possible to take pictures at zero lx.**
- **IR LED is controlled to match the environment, thereby the camera provides clear images of human faces without white blur.**
- **New camera attachment bracket allows an easy camera installation toward all four directions.**
- **High Speed ABF (Auto Back Focus) and Motorized Zoom ensures easy installation.**
- ** Newly developed lens with aperture control function realizes the best focus in any environment.**
- **VIOS (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.**
- **Cropping function enables to provide whole image and the part image simultaneously. Up to 4 image capture areas can be specified, and it is also possible to control the sequence.**
- **Face Super Dynamic Range technology ensures clear face image.**
- **Lens distortion compensation for the distorted images can be adjusted 256 steps.**
- **Electronic sensitivity enhancement: Auto (Up to 16/30s) / OFF**
- **Selectable light control modes:**
  - Outdoor scene, Indoor scene (50 Hz) / Indoor scene (60 Hz), Fix shutter
  - 3x (WV-SFV631L), 2x (WV-SFV611L) extra optical zoom at 640 x 360 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.**
- **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 3 terminal input, VMD and Panasonic alarm command can trigger actions such as SDXC/SDHC/SD memory recording, FTP image transfer, E-mail notification, Indication on browser, Alarm alert output, and Panasonic alarm protocol output.**
- **Full duplex bi-directional audio allows interactive communication between camera site and monitoring site.**

![Super Dynamic Full HD Vandal Resistant & Waterproof Dome Network Camera](image)

Optional Accessories

- Ceiling Mount Bracket
  - WV-Q169A
- Dome Cover
  - WV-CW7S
- Sun Shade
  - WV-Q7118

Standard Accessories

- Important Information
- Installation Guide
- Code Label*2
- CD-ROM

*1 The CD-ROM contains the operating instructions and different kinds of test software programs.
*2 This label may be required for network management. The network administrator shall retain the code label.

The following parts are used during installation procedures:

- Base bracket
- Attachment plate
- Fixing screws for attachment plate (M4 x 8 mm)...
- Waterproof tape
- Template A (for the attachment plate)...
- Template B (for the base bracket)...

Optional Accessories
**Specifications**

**Camera**

- Image Sensor: Approx. 1/3" type MOS image sensor
- Resolution: 1.3 mega pixel [4:3] (30fps)
- Image Capture Mode:
  - Vertical: 14.8° (TELE) – 51.6° (WIDE)
  - Horizontal: ±180°, Vertical: 0-85°,
- Focusing Range: 0.9 m – 30 m
- Lens
  - Varifocal Length: 2.8 – 10.18 mm (13.5 – 52.13 inches)
- Minimum Illumination
  - WV-SFV631L: 0.0007 lx (F1.3, Maximum shutter speed: 0.015 sec)
- Power Source and Consumption
  - Power Consumption: 15 W
  - Power Source: AC 100 – 240 V (50/60 Hz)

**Network**

- Network/Interface:
  - Built-in 10Base-T/100Base-TX, RJ-45 connector
- IP Addressing
  - Static: 192.168.1.1
- Data Stream Transmission
  - JPEG: 10fps, H.264: 10fps, H.265: 10fps
- Video Stream Transmission
  - H.264: 10fps, H.265: 10fps

**Alarm**

- Alarm Input
  - Switch: Momentary input, Contact closure, Momentary input
- Alarm Output
  - Switch: 10 steps
- Alarm Control
  - A, B, C, D, E, F, G, H, I, J, K, L

**Output/Display**

- Monitor Output
  - VBS: 1.0 V p-p/75Ω, NTSC, PAL, composite
- Multi-screen
  - 1x, 2x, 4x, 16x
- Audio Output
  - Switch: 10 steps

**GUI**

- GUI: One Shot Capture
- Alarm Control
  - Switch: 10 steps
- Digital Zoom
  - Switch: 10 steps

**Digital Signal Processor**

- Audio Mode
  - Switch: 10 steps
- IR LED Light
  - Switch: 10 steps
- Network/Interface
  - Switch: 10 steps
- URI (Temporary)
  - Switch: 10 steps
- URI (Time)
  - Switch: 10 steps

**Power Source and Consumption**

- Power Consumption: 15 W
- Power Source: AC 100 – 240 V (50/60 Hz)

**Dimensions**

- Approx. 1/3  type MOS image sensor
- Approx. 2.4 mega pixels
- Approx. 1.3 mega pixels

**Masses and Dimensions**

- Approx. 140 g (Approx. 4.9 oz)
- Approx. 390 x 290 x 70 mm (15.3 x 11.4 x 2.8 inches)

**Network**

- Network/Interface:
  - Built-in 10Base-T/100Base-TX, RJ-45 connector
- Data Stream Transmission
  - JPEG: 10fps, H.264: 10fps, H.265: 10fps
- Video Stream Transmission
  - H.264: 10fps, H.265: 10fps

**Alarm**

- Alarm Input
  - Switch: Momentary input, Contact closure, Momentary input
- Alarm Output
  - Switch: 10 steps
- Alarm Control
  - A, B, C, D, E, F, G, H, I, J, K, L

**Output/Display**

- Monitor Output
  - VBS: 1.0 V p-p/75Ω, NTSC, PAL, composite
- Multi-screen
  - 1x, 2x, 4x
- Audio Output
  - Switch: 10 steps

**GUI**

- GUI: One Shot Capture
- Alarm Control
  - Switch: 10 steps
- Digital Zoom
  - Switch: 10 steps

**Digital Signal Processor**

- Audio Mode
  - Switch: 10 steps
- IR LED Light
  - Switch: 10 steps
- Network/Interface
  - Switch: 10 steps
- URI (Temporary)
  - Switch: 10 steps
- URI (Time)
  - Switch: 10 steps

**Power Source and Consumption**

- Power Consumption: 15 W
- Power Source: AC 100 – 240 V (50/60 Hz)

**Dimensions**

- Approx. 1/3  type MOS image sensor
- Approx. 2.4 mega pixels
- Approx. 1.3 mega pixels

**Masses and Dimensions**

- Approx. 140 g (Approx. 4.9 oz)
- Approx. 390 x 290 x 70 mm (15.3 x 11.4 x 2.8 inches)

**Network**

- Network/Interface:
  - Built-in 10Base-T/100Base-TX, RJ-45 connector
- Data Stream Transmission
  - JPEG: 10fps, H.264: 10fps, H.265: 10fps
- Video Stream Transmission
  - H.264: 10fps, H.265: 10fps

**Alarm**

- Alarm Input
  - Switch: Momentary input, Contact closure, Momentary input
- Alarm Output
  - Switch: 10 steps
- Alarm Control
  - A, B, C, D, E, F, G, H, I, J, K, L

**Output/Display**

- Monitor Output
  - VBS: 1.0 V p-p/75Ω, NTSC, PAL, composite
- Multi-screen
  - 1x, 2x, 4x
- Audio Output
  - Switch: 10 steps

**GUI**

- GUI: One Shot Capture
- Alarm Control
  - Switch: 10 steps
- Digital Zoom
  - Switch: 10 steps

**Digital Signal Processor**

- Audio Mode
  - Switch: 10 steps
- IR LED Light
  - Switch: 10 steps
- Network/Interface
  - Switch: 10 steps
- URI (Temporary)
  - Switch: 10 steps
- URI (Time)
  - Switch: 10 steps

**Power Source and Consumption**

- Power Consumption: 15 W
- Power Source: AC 100 – 240 V (50/60 Hz)

**Dimensions**

- Approx. 1/3  type MOS image sensor
- Approx. 2.4 mega pixels
- Approx. 1.3 mega pixels

**Masses and Dimensions**

- Approx. 140 g (Approx. 4.9 oz)
- Approx. 390 x 290 x 70 mm (15.3 x 11.4 x 2.8 inches)