High resolution, sensitivity, and built-in intelligent features

Key Features

- 360° monitoring with a wide variety of transmission modes: Panorama, Double Panorama, Quad PTZ, Single PTZ, and Quad streams (H.264)
- 9 Megapixel images up to 15 fps.
- 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. Only for fisheye image.
- Multiple H.264 (High profile) streams and JPEG streams ensure simultaneous real time monitoring and high resolution recording by new 4K ULTRA HD engine.
- Smooth PTZ operation without mechanical action
- Built-in distortion correction function
- A fisheye lens control function realizes intelligible screen operation intuitively.
- Smartphone monitoring: Direct camera control from smartphone
- Wide dynamic range and ABS (Adaptive Black Stretch) technologies deliver wider dynamic range.
- High sensitivity with Day/Night (ICR)* function : 0.3 lx (Color), 0.04 lx (B/W) at F1.9
  * ICR: IR Cut filter Removal
- Built-in ABF enables automatic focus adjustment for sharp image both in color and B/W modes, and corrects the focus shift that caused by temperature difference. You can install the camera even in the environment having drastic changes in temperature without focal blur.
- 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:
  - Indoor scene (50 Hz) / Indoor scene (60 Hz) / ELC (maximum exposure time)
  - Indoor scene (50 Hz / 60 Hz): 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.
- VMD (Video Motion Detector) 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. Configurable only on the fisheye image.
- 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 terminal output, HTTP notification, and Panasonic protocol output.
- Full duplex bi-directional audio allows interactive communication between camera site and monitoring site.
- 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)
- Can be added new intelligent extension software (Extension software)*1 in addition to built-in VMD (Video Motion Detection), alarm function.
- Intelligent function (Extension software)*1 such as Intruder / Loitering / Scene change / Object / Cross line detection, People Count (Cross line), MOR(Moving Object Remover) Function, Heat map (High Traffic Zone / Long-stay Zone)
- Super Chroma Compensation function realizes a better color
- 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)
- Still images (JPEG) can be viewed on mobile phones via Internet.
- IP66 rated water and dust resistant. Compatible with IEC60529 measurement standard,Type 4X(UL50), NEMA 4X compliant.
- Dehumidification device for use in various weather conditions
- Operating temperature –40 °C to +50 °C (–40 °F to 122 °F)
- Vandal resistant mechanism for high reliability
- “Railway applications – Electronics equipment used on rolling stock” compatible with EN50155
- Low profile design for discrete installation
- Onvif compliant model

*1 Heat map function: Available in March, 2015.
Other Intelligent VMD function: Available in January, 2015.
9 Megapixel Fisheye mode

9M (3K × 3K) high-resolution performance enables sharp rendering of objects and people’s faces at the edge sections of the fisheye image.

*Sample screen from 9 Megapixel Fisheye mode

Double Panorama mode

Panorama mode

Quad PTZ mode

Single PTZ mode
Part Names and Functions

Alarm input/output cable
LAN cable (category 5 or better straight)
Power cable (12 V DC)
Microphone/line input cable (white)
Audio output cable (black)
* Can switch to monitor output (software switching)

RJ45 (female)
Network cable
4P alarm cable (accessory)
12 V DC (red)
GND (black)

Optional Accessories

Ceiling Mount Bracket WV-Q121B
* Launches in April, 2015
(Use with the WV-Q124 (suspension mount bracket) to be able to install on a ceiling.)

Wall Mount Bracket WV-Q122A
(Use with the WV-Q124 (suspension mount bracket) to be able to install on a wall.)

Mount Bracket WV-Q124
(Use when installing the WV-SFV481 using the WV-Q122A.)

Appearance

Unit: mm (inches)

Important
- Safety Precaution: Carefully read the Important Information, Installation Guide and operating instructions before using this product.
- Panasonic cannot be responsible for the performance of the network and/or other manufacturers’ products used on the network.

DISTRIBUTED BY:

http://security.panasonic.com
http://www.facebook.com/PanasonicNetworkCamera

(2A-136BL)