Super Dynamic HD Vandal Resistant Wall Mount Network Camera

WV-SW115

HD / 1,280 x 960 H.264 Vandal Resistant Network Camera
featuring Super Dynamic

Key Features

- 720p HD images up to 30 fps
- 1.3 Megapixel high sensitivity MOS Sensor
- Multiple H.264 (High profile) streams and JPEG streams ensure simultaneous real time monitoring and high resolution recording by "UniPhier™", Panasonic’s proprietary System LSI platform.
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- Super Dynamic and ABS (Adaptive Black Stretch) technologies deliver 128x wider dynamic range compared to conventional cameras.
- Face Super Dynamic technology ensures clear face image.
- High sensitivity with Day & Night (Electrical) function: 0.8 lx (Color), 0.6 lx (B/W) at F2.2
- VIQS (Variable Image Quality on Specified area) technology allows the designated area 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.
- 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.
- 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/60Hz): 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.
- 2x extra zoom at VGA 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 2 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.
- SDHC/SD Memory card slot for manual recording (H.264 / JPEG), alarm recording (H.264 / JPEG) and backup upon network failure (JPEG)
- 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 Internet.
- Onvif compliant model
- Low profile design for discrete installation
- “Railway applications – Electronics equipment used on rolling stock” compatible with EN50155
- Wide coverage (Horizontal: 104 °, Vertical: 85 °)
- IP66 rated water and dust resistant. Compatible with IEC60529 measurement standard.
- Vandal resistant mechanism for high reliability

Standard Accessories

- Installation Guide .................................. 1 pc.
- Important Safety Instructions ............ 1 pc.
- CD-ROM* ........................................ 1 pc.
- Code Label*2 .................................. 1 pc.
- Lens adjuster .................................. 1 pc.
- Tamperproof Screw Bit ..................... 1 pc.
- Waterproof Tape ............................. 1 pc.

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*2 This label may be required for network management. The network administrator shall retain the code label.

The followings are for installation.

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Specifications

Camera  Image Sensor  1/3 type MOS Sensor
Effective Pixel  Approx. 1,080,000 pixels
Scanning Mode  Progressive
Scanning Area  4.8 mm (H) x 3.6 mm (V) (1/3*16": H x 3/32": [Q])
Minimum Illumination  Color: 0.8 lx (F2.2, Auto slow shutter: Off (1/30 sec), Gain: On (High))
White Balance  AWG2: 2,000 ~ 6,000 K, ATW2 (6,000 K)
Light Control Mode  Indoor scene (60 Hz / 60 Hz) / ELC
Shutter  With Super Dynamic ON
With Super Dynamic OFF  ELC (1/200 s), ELC (1/100 s), ELC (1/500 s), ELC (1/1000 s), ELC (1/2000 s), ELC (1/4000 s), ELC (1/10,000 s)
Super Dynamic  ON / OFF
Fixed Super Dynamic  ON / OFF (Only at Super Dynamic ON)
Adaptive Black Stretch  ON / OFF
AGC  ON (HIGH) / ON (MID) / ON (LOW) / OFF
Electronic Sensitivity (EPA)  OFF (7.0) to Max. 90.0 (Max.)
Day & Night fotografía  OFF / AUTO
Dynamic Range  [4 : 3] JPEG: 1,280 x 960 / 640 x 480 / 320 x 240, up to 30 fps
Image Quality  LOW / NORMAL / FINE
 aspect ratio: H.264: 1,280 x 960 / VGA (640 x 480) / QVGA (320 x 240), up to 30 fps
Image Sensor  1/3 type MOS Sensor

Network  Network IF  10Base-T / 100Base-TX, RJ-45 connector (female)
Network IP  192.168.1.1 / 192.168.2.1 / 192.168.3.1
Image Aspect Ratio  1/4:3
Image Resolution
H.264: 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps
JPEG: 1,280 x 960 / 640 x 480 / 320 x 240, up to 30 fps
JPEG: 1,280 x 720 / 640 x 480 / 320 x 180, up to 30 fps

Alarm  Alarm Source  VMD, Command alarm
Alarm Actions
With SDHC/SD memory card: 5,000 logs, without SDHC/SD memory card: 1,000 logs
Alarm Log
Schedule

General  Safety/EMC Standard
UL (UL60950-1), C-UL (CAN/CSA C22.2 No.60950-1), CE, IEC60950-1

Power Source and Power Consumption
PoE: IEEE802.3at compliant
Ambient Operating Temp.  5°C ~ 40°C (22°F ~ 104°F)
Ambient Operating Humidity  10% ~ 90% (no condensation)
Impact Protection  Compliant with JIS C 0920-2-75
Water and Dust Resistance
Camera: IP66 (IEC60529-1)*4
Railway Application
EN50155, EN50121
Dimensions
90 (W) x 97 (H) x 49 (D) mm
Max. (approx.)
490 g (1.1 Lb)
Finish
Main body: Aluminum die cast, light gray, dome section: Clear polycarbonate resin

Water and Dust Resistance
Camera: IP66 (IEC60529-1)*5
Impact Protection
Compliant with 20 J IEC60068-2-75

Part Names and Functions

Appearance

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AndroidTM mobile terminals

– Panasonic cannot be responsible for the performance of the network and/or other manufacturers’ products used on the network.

– Masses and dimensions are approximate.
– Specifications are subject to change without notice.

http://security.panasonic.com
http://www.facebook.com/PanasonicNetworkCamera
Printed in Japan (2A-114AA)