Panasonic

Super Dynamic Weather Resistant Full HD PTZ Dome Network Camera
WV-SW598

Full HD / 1,920 x 1,080 H.264 Weather Proof Camera featuring Optical 30x zoom and Super Dynamic

Key Features

- 1080p HD images up to 30 fps
- 2.4 Megapixel high sensitivity MOS Sensor
- Super high resolution at Full HD / 1,920 x 1,080 created by 2.4 Megapixel high sensitivity MOS Sensor
- Multiple H.264 (High profile) streams and JPEG streams ensure simultaneous real time monitoring and high resolution recording by new "UniPhier®", Panasonic's proprietary System LSI platform.
- Full frame (Up to 30 fps) transmission at 1,920 x 1,080 image size
- 30x optical zoom
  30x extra optical zoom at 640 x 360 resolution with 12x digital zoom enabling 1080x zoom.
- Super Dynamic and ABS (Adaptive Black Stretch) technologies deliver 128x wider dynamic range compared to conventional cameras.
- Face Super Dynamic Range technology ensures clear face image.
- High sensitivity with Day & Night (IR) function: 0.5 lx (Color), 0.06 lx (B/W) at FL6
- VIQS (Variable Image Quality on Specified area) technology allows the designated 2 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. VIQS can be set on preset position (1 to 8) and except preset.
- 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: Outdoor scene / Indoor scene (50 Hz) / Indoor scene (60 Hz) / Fix shutter Indoor scene (50 Hz / 60 Hz): Flicker caused by fluorescent lighting will be automatically compensated.
- 360 degrees endless Panning
- Advanced auto tracking: The camera automatically pans and tilts to follow a moving subject and keep it in the center of the image.
- PTZ control can be taken very smoothly on the user friendly GUI with 16 speeds pan/tilt and new “Drag and Zoom” operation enabling finer control. 256 speeds available for system with WV-CU950 system controller.
- Up to 256 preset positions
- 360 map shot: 8 thumbnail images at 45 deg. intervals make it simple to direct the camera easily by clicking on a thumbnail.
- Industrial grade Pan / Tilt / Zoom mechanism for high reliability
- VMD (Video Motion Detection) with 4 programmable detection areas, 15 steps sensitivity level and 10 steps detection size
- Privacy Zone can mask up to 32 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 terminal output, and Panasonic alarm protocol output.
- Full duplex bi-directional audio allows interactive communication between camera site and monitoring site.
- 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).
- H.264 max. bit rate / 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)
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- IPV4/IPV6 protocol supported
- Supports SSL, DDNS (viewnetcam, RFC2136)
- Still images (JPEG) can be viewed on mobile phones via Internet.
- Onvif compliant model
- IP66 rated water and dust resistant. Compatible with IEC60529 measurement standard.
- Fog and Sandstorm compensation
- Ambient Operating Temperature: -50 °C ~ +55 °C (-58 °F ~ 131 °F)
- Rain wash coat dome cover
- Dehumidification device for use in various weather conditions
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Standard Accessories

- CD-ROM*1..................................................1 pc.
- Installation Guide*1........................................1 pc.
- Front/Rear Sun Shield*2...............................1 set
- Front/Rear Sun Shield Fixing Screws............... 2 pcs. (incl. 1 spare)
- Protection Cover*1........................................1 pc.
- RJ45 connector*1.........................................1 pc.
- Connector Kit for 24 V AC ......................... 1 pc.
- Code Label*2..............................................1 pc.
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*1 The CD-ROM contains the operating instructions (PDFs) and different kinds of tool software programs.
*2 The label may be required for network management.

Optional Accessory

Wall Mount Bracket
WV-Q122 / WV-Q122A (Launches in September 2013)