**Super Dynamic Weather Resistant HD PTZ Dome Network Camera**

**WV-SW397**

**HD / 1,280 x 720 H.264 Weather Proof Camera featuring 45x HD extra optical zoom and Super Dynamic**

**Key Features**
- 720p HD images up to 30 fps
- Super high resolution at HD / 1,280 x 720 created by 2.4 Megapixel high sensitivity MOS image 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
- 45x HD extra optical zoom at 1,280 x 720 (30x optical zoom)
- 90x 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** technology ensures clear face image.
- High sensitivity with Day/Night (ICR*) function: 0.3 lx (Color), 0.04 lx (B/W) at F1.6
- *ICR: IR Cut filter Removal
- 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.
- 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:
  - “UniPhier®”, Panasonic’s proprietary System LSI platform.
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- Up to 256 preset positions
- 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 “Drag and Zoom” operation enabling finer control.
- 256 speeds available for system with WV-CU950 system controller.
- 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 (H.264 / 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 / Portuguese / Russian / Chinese / Japanese
- IPv4/IPv6 protocol supported
- Supports SSL, DDNS (viewnetcam, RFC2136)
- Still images (JPEG) can be viewed on mobile phones via Internet.
- **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
- **Dehumidification device for use in various weather conditions**
- Ambient Operating Temperature: -50 °C to +55 °C (-58 °F to 131 °F)
- **Fog compensation function** equipped as standard.
- AEM (Auto Eyelid Mechanism) offers images that are more natural and easy to watch reducing doubled images when direction of the lens moved above the horizontal.

**Optional Accessories**
- Ceiling Mount Bracket WV-Q121B
- Wall Mount Bracket WV-Q122A

**Standard Accessories**
- CD-ROM*1 .....................................1 pc.
- Installation Guide ..................................1 pc.
- Code Label*2 .....................................1 pc.

*1 The CD-ROM contains the operating instructions (PDFs) and different kinds of tool software programs.
*2 This label may be required for network management.

**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 (H.264 / 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.**

**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**

**45x HD extra optical zoom at 1,280 x 720 (30x optical zoom)**

**90x 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** technology ensures clear face image.

**High sensitivity with Day/Night (ICR*) function: 0.3 lx (Color), 0.04 lx (B/W) at F1.6**

**ICR: IR Cut filter Removal
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**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**

**Selectible light control modes:**
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- 256 speeds available for system with WV-CU950 system controller.
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**The followings are for installation.**
- Installation Guide ..................................1 pc.
- Protection Cover .....................................1 pc.
- RJ45 connector .....................................1 pc.
- 8 P Alarm Cable .....................................1 pc.
- Connector Kit for 24V AC ...........................1 pc.
- Front/Rear Sun Shield Fixing Screws .............2 pcs. (incl. 1 spare)

**Optional Accessories**
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