



## HD/1,280 x 960 H.264 PTZ Dome Network Camera.

### Key Features

- 720p HD images up to 30 fps
- Newly developed 1.3 Megapixel 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
- 18x optical zoom. 36x extra optical zoom at VGA resolution with 8x digital zoom enabling 288x zoom.
- Wide Dynamic Range and ABS (Adaptive Black Stretch) technologies deliver wider dynamic range compared with conventional cameras.
- Face Wide Dynamic Range technology ensures clear face image.
- H.264 and MPEG-4 are selectable for system migration.
- High sensitivity with Day/Night function : 0.6 lx (Color), 0.5 lx (B/W) at F1.6 (Wide)
- Adaptive Digital Noise Reduction: 2D-DNR and 3D-DNR integration ensures reduced noise and motion blur in various conditions.
- Superior color reproduction by primary (RGB) color filter
- Electronic sensitivity enhancement: Auto (Up to 16x) / OFF
- Selectable light control modes: Outdoor / Indoor / Fixed electronic shutter  
Outdoor / Indoor: Electronic shutter and ALC lens iris control are automatically controlled depending on the mode and luminance level.  
Fixed electronic shutter: Up to 1/10,000 fixed electronic shutter can be selectable.
- Panning with auto flip function can be performed 0 to 360 degrees.
- PTZ control can be taken 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 64 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 Detector) 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.
- Alarm sources including 3 terminal input, VMD and Panasonic alarm command can trigger actions such as SDHC/SD memory recording, FTP image transfer, E-mail notification, Indication on browser, Alarm terminal output, and Panasonic 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.
- SDHC/SD Memory card slot for manual recording (H.264 / JPEG), alarm recording (H.264 / JPEG) and backup upon network failure (JPEG)
- H.264/MPEG-4 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.
- Multi-language GUI and setup menu: English, French, Italian, Spanish, German, Russian (PAL) / English, French (NTSC) \* Installation required except for English
- IPv4/IPv6 protocol supported
- Analog Monitor output for easier installation
- Supports SSL, DDNS (viewnetcam, RFC2136)
- Still images (JPEG) can be viewed on mobile phones via Internet.
- ONVIF compliant model

### Standard Accessories

|  |                        |                         |       |
|--|------------------------|-------------------------|-------|
| • CD-ROM*1 .....                       | 1 pc.                  | • Decorative Cover..... | 1 pc. |
| • Installation Guide.....              | 1 pc.                  | • Power Cable Plug..... | 1 pc. |
|  |                        | • Code Label*2 .....    | 1 pc. |
| The followings are for installation.   |                        |                         |       |
| • Camera Mount Bracket (w/safety wire) | .....                  |                         |       |
| .....                                  | 1 pc.                  |                         |       |
| • Camera Fixing Screw                  | .....                  |                         |       |
| .....                                  | 2 pcs. (incl. 1 spare) |                         |       |

\*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. The network administrator shall retain the code label.

### Optional Accessories

|  |  |   |
|--|--|---|
| <b>Inner Dome Cover</b><br><b>WV-Q157</b><br>   | <b>Surface Ceiling Mount Brackets</b><br><b>WV-Q156C</b> (Clear)<br><b>WV-Q156S</b> (Smoke)<br> | <b>Embedded Ceiling Mount Brackets</b><br><b>WV-Q155C</b> (Clear)<br><b>WV-Q155S</b> (Smoke)<br> |
| <b>Wall Mount Brackets</b><br><b>WV-Q154C</b> (Clear)<br><b>WV-Q154S</b> (Smoke)<br> | <b>Ceiling Mount Bracket</b><br><b>WV-Q105</b><br>  |   |

\* Not compatible with optional accessories of conventional cameras

- All TV pictures are simulated.
- Masses and dimensions are approximate.
- Specifications are subject to change without notice.
- These products may be subject to export control regulations.
- All product pictures are NTSC models.

\*1 The pan/tilt-flip function cannot be activated by clicking live images. When the zoom ratio is adjusted to the "TELE" side, images will be partially hidden even if the pan/tilt-flip function is activated.  
\*2 H.264 and MPEG-4 are alternative. \*3 [4 : 3] and [16 : 9] are alternative.

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**Important**

- Safety Precaution: Carefully read the operating instructions and installation manual before using this product
- Panasonic cannot be responsible for the performance of the network and/or other manufacturers' products used on the network.