4K (3,840 x 2,160) iA H.265 Network Camera

Panasonic WV-S1570L captures the highest quality 4K resolution images in even very challenging and dynamic environments. Intelligent Auto (iA) monitors scene dynamics and motion to adjust key camera settings automatically in real-time reducing distortion such as motion blur on moving objects. Adopting H.265 Smart Coding technology, bandwidth efficiency is intelligently increased for longer recording and less storage. Cameras out-of-the-box, use an encryption module standardized by FIPS Publication 140-2 for secure video streaming.

Extreme image quality allows evidence to be captured even under challenging conditions
- True 4K lens and large image sensor realize wide area surveillance with high quality images
- Auto Shutter speed control for moving objects
- Outstanding low light performance in true color with low noise for night time applications
- Built-in IR LED to produce a clear monochrome image in 0 lux conditions with 40 m (131 feet) irradiation distance
- Environmental durability : IP66, IK10

Extreme bandwidth compression with new Panasonic H.265 Smart Coding
- Longer recording and less storage compared to any H.264 based compression techniques
- New self-learning ROI* encoding (Auto VIQS) detects movement within the image and compresses the areas with little motion in order to reduce transmitted data while maintaining the quality of the image.

*Region of Interest

Extreme Data Security
- Full encryption SD card edge recording to keep your data safe
- FIPS140-2 CAVP compliant *Using encryption module standardized by FIPS publication 140-2
- Full end-to-end system encryption with supported VMS and devices to protect from IP snooping/spoofing and detect data alteration

Key Features
- 4K (3,840 x 2,160) up to 30fps
- iA (intelligent Auto)
- Color night vision (0.006 to 0.09 lx)
- H.265 Smart Coding
- i-VMD License Bundled

Industry examples
- Public safety (City / Highway toll / Parking gate)
- Transportation (Airport / Train / Subway)
- Retail / Bank / Logistics / Education / Hospital / Building
Specifications

Camera
- Image Sensor: 1/1.8 type CMOS image sensor
- Minimum Illumination: Color: 0.09 lx, BW: 0.05 lx
- White Balance: Auto/Daylight/Cloudy/Shade/Fluorescent/Incandescent
- Intelligent Auto: Off
- Adaptive Black Stretch: Off
- High light compensation: Off
- Low light compensation: Off
- Image rotation*2 *3: Following the setting angle of the rotated image, the analog output of the MONITOR OUT terminal rotates.
- Focal length: 4.3 mm – 8.6 mm {5/32 inches – 11/32 inches}
- Image Title (OSD): Camera Control, Camera Title, Image rotation*2 *3

Lens
- Zoom Ratio: 2x optical zoom (Motorized zoom / Motorized focus)
- Digital zoom: Choose from 3 levels of x1, x2, x4
- Fixed: 4.3 mm
- Camera Title (OSD): Camera Title, Image rotation*2 *3

Angle
- Vertical: 30° (TELE) – 56° (WIDE)
- [16 : 9 mode] Horizontal: 53° (TELE) – 104° (WIDE)
- Focus length: 1 m {39-3/8 inches} – ∞
- Focus range: 1 m [5-3/8 inch] – ∞
- Angular Field of View: [16 : 9 mode] Horizontal: 33° (TELE) – 104° (WIDE)
- Vertical: 30° (TELE) – 56° (WIDE)
- Focus available: Yes
- Vertical: 30° (TELE) – 56° (WIDE)

Object Detection
- Intelligent VMD (i-VMD): Object detection, Cross Line Detection
- Plug-in Software for i-VMD: On/Off, 4 areas available

Audio
- Audio Output: Microphone input: (for adjustment)
- Input: For line input:
- Output: For microphone input: Recommended applicable microphone: Plug-in power type
- Input Impedance: Approx. 2 kΩ {unbalanced}
- Supply voltage: 2.5 V ± 0.5 V

Alarm
- Alarm Source: 3 terminals input, VMD alarm, Command alarm
- Alarm Actions: SDXC/SDHC/SD memory recording, E-mail notification, indication on browser, FTP image transfer, Panasonic alarm protocol output

Output/ Input
- Monitor Output (for adjustment): An NTSC or PAL signal can be outputted from camera
- Input: SDXC/SDHC/SD memory recording, E-mail notification, Panasonic alarm protocol output

Audio Output: 3.5 mm stereo mini jack (Audio output is micmircric)
- Input Impedance: Approx. 600 Ω (unbalanced)
- Output Impedance: Approx. 2 kΩ (unbalanced)
- Internal/Output Terminals: ALARM IN 1 (Alarm input 1), ALARM IN 2 (Alarm input 2), ALARM OUT 1 (x1), ALARM OUT 2 (x1)

Network
- Network Protocol: IPv4: TCP/UDP, HTTP, HTTPS, RTP, SMTP, DNS, FTP, SNMP, DHCPv6, MID, ICMP, ARP, IEEE 802.1X, DiffServ
- Audio transmission mode: OFF / 1 (Long term) / Audio / Output / Interactive (All duplex) / Interactive (All 4 streams)
- Supported Protocol: IPv4: TCP/UDP, HTTP, HTTPS, RTP, SMTP, FTP, DHCP, DNS, FTP, SNMP, DHCPv6, MID, ICMP, ARP, IEEE 802.1X, DiffServ

Power Source and Consumption
- Power Source: DC power supply: DCT V 800 MA/Approx. 10.5 W
- Power Consumption: (for adjustment) DC/AC 120 V: 50 VA, Approx. 10.5 W (Class 2 device)

Weather
- Weather Resistant: IP66 (IEC60529), Type 4X (UL50E), NEMA 4X compliant
- Humidity: 10 to 100 % (no condensation)

Dimensions
- Dimensions: 230 x 230 x 49 mm {9-1/8 inches x 9-1/8 inches x 1-15/32 inches}
- With adapter box: 230 x 230 x 89 mm {9-1/8 inches x 9-1/8 inches x 3-1/2 inches}
- With adapter box: 130 mm x 130 mm x 67 mm {5-1/4 inches x 5-1/4 inches x 2-27/32 inches}
- With adapter box: 130 mm x 130 mm x 337 mm {5-1/4 inches x 5-1/4 inches x 13-3/32 inches}
- With adapter box: 21.9 kg (48 lbs)

Finish
- Main body: Polycarbonate resin, Clear
- Aluminum die cast and resin, Metallic silver
- Stainless steel, Stainless steel (Corrosion-resistant treatment)
- Front panel: Polycarbonate resin, Clear

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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 manufacturers' products used on the network.
- The brackets are available in two colors, Light gray and Fine silver. It is possible to use them in the different color combination.

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