iA H.265 360-degree Vandal Resistant Outdoor Dome Camera

Panasonic WV-S4550L / WV-S4550LM captures the highest quality images in even very challenging and dynamic environments. In particular, the image of the person's face or object at the edge of the fisheye is clear with less distortion. 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. Out of the box, the camera supports full data encryption streaming and is compliant to FIPS 140-2 Level 1 standards to keep your video secured. *Value in Advanced mode. It depends on the scene.

Extreme image quality for evidence capturing under challenging conditions
- Clear and less distorted image of the person’s face and objects at the edge of the fisheye
- Instant response to sudden light changes like tunnel entry and exit
- Auto Shutter speed control for fast moving objects
- Super Dynamic 108dB for backlit situations and shadows on night streets
- Built-in IR LED to produce a clear monochrome image in zero lux conditions with 10 m (33 feet) irradiation distance
- Environmental durability : EN50155, IP66, IK10, 50J compliant and Dehumidification device

Extreme H.265 compression with new Smart Coding
- Longer recording and less storage space compared to any H.264 based compression techniques
- New self-learning ROI* encoding (Auto VIQS) dynamically detects motion areas to keep vehicles and humans in good picture quality while lowering your bandwidth  
* Region of Interest

Extreme Data Security
- Full encryption SD card edge recording to keep your data safe
- FIPS 140-2 Level 1 compliant
- Full end-to-end system encryption with supported VMS and devices to protect from IP snooping/spoofing and detect data alteration

Complete with powerful analytics built-in*
- Heat map : Visualization of people’s traffic pattern and staying times
- People Counting : Statistics data on the number of people entering and leaving a specific zone
- MOR (Moving Object Remover) : Monitoring of only the surrounding environment by removing people and other moving objects from video  
* To enable analytics, please add the optional WV-SAE200 software.

Key Features
- 5 Megapixel images up to 30 fps
- iA (intelligent Auto)
- Super Dynamic 108dB
- H.265 Smart Coding
- IP66, IK10, 50J compliant, Dehumidification device

Applications
- Retail / Bank
- Building
- Logistics
- Education / Hospital
- Transportation (Airport / Train, Subway station)
Specifications

Camera
- Image Sensor: Approx. 1/5 type MOS image sensor
- Minimum Illumination: Color: 0.3 lx, BW: 0.04 lx (1/25lux, AGC: 11)
- F: 1.2, Max. shutter: Off (1/15 s), AGC: 11
- Intelligent Auto: Off
- Maximum shutter: Max. 1/7000s
- Image Setting: Sias (AGC), White balance
- Image Compensation: Adaptive black stretch, Back light compensation (RLC), Fog compensation, High light compensation (HLC), Digital noise reduction
- Color/BW (iCR): Off
- Video Noise Detection (EDS): Off
- Intelligent VMD (i-VMD): Type 5 *optional plug-in software WV-SAE200
- Camera Title (EDS): Off
- On Panorama: 140°
- Camera Field of view: Approx. 3.1-5.50mm (1/3-1/2.5"

Network
- Network IP: WV-S4550L: 10BASE-T / 100BASE-TX, M12 connector
- WV-Q186 or WV-Q124:
- WV-Q185 or WV-Q122A or WV-Q188 or WV-Q189:
- WV-Q121B or WV-Q122A or WV-Q185 or WV-Q122A or WV-Q121B:

Audio
- Audio Output: On / Off, 4 areas available
- Volume adjustment: Low / Middle / High
- Microphone: 108 dB (Super Dynamic : On, level : 31)

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

External I/O Terminals
- Audio Input: 3.5 mm stereo mini jack, Recommended applicable microphone: (High power type)
- Audio Output: Approx. 2.0 balanced output: Supply voltage : 2.5 V ±0.5 V
- Input impedance : Approx. 2 kΩ (unbalanced)

External I/O Terminals
- Alarm Input: 4 terminals input, XFD, Command alarm
- Alarm Output: approx. 2dV (unbalanced output level : –3 dBV)

Power Source and Consumption
- DC power supply: DC12V 190mA/DC12V 510mA, APG 33W
- PoE (IEEE802.3af compliant) Device:
- DC12V 240mA, Approx. 11.5 W Class 0 device

Ambient Operating Temperature
- IL: –40 °C to +50 °C (-40 °F to 122 °F)
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Dimensions
- Dimensions: When using the attachment plate: approx. 154 mm × 83.3 mm (h) -17.16 inches × 2.8/16 inches (H)
- Dome radius 35 mm (1-3/16"
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Finish
- Matt black / Chrome, Light grey
- Outer facing screws: Stainless steel
- Dome section: Polycarbonate resin, Clear

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http://www.facebook.com/PanasonicNetworkCamera

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