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.

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. 1/3 type MOS image sensor
- **Minimum Illumination**: Color: 0.3 lx, BW: 0.04 lx
  - (F/2.4, Maximum shutter: OFF / 1/500 s, AGC: 11 / 18)
  - (F/2.4, Maximum shutter: OFF / 1/500 s, AGC: 11, when the IR LED is on)
- **BW**: 0 lx
- **IR LED**: (F/2.4, Maximum shutter: OFF / 1/500 s, AGC: 11, when the IR LED is on)
- **Color/WB (i-Light)**: On / Off
  - (Auto IR Light On / Auto) / (IR Light Off / Auto (IR Light Off) / Auto)

**Intelligent Image Processing**
- **Smart Auto**: On / Off
- **Maximum shutter**: Max. 1/2000 s to 1/1,000,000 s

**Image Dynamic Range**
- **11 dB Digital Dynamic Range**: 11/16

**Image Settings**
- **Image Area**: Siam (AGC), White balance

**Image Compensation**
- Adaptive black stretch, Black light compensation (HLC), Fog compensation, High luminosity compensation (HLC), Digital noise reduction

**Specifications**
- Converted value

**Masses and dimensions are approximate. Specifications are subject to change without notice.

- Panasonic cannot be responsible for the performance of the network and/or other manufacturers’ products used on the network.

**Dimensions**

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<tr>
<th>When using the base bracket</th>
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<td>When using the attachment plate</td>
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**Important**
- **Safety Precaution**: Carefully read the Important Information, Installation Guide and operating instructions before using this product.
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