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

Panasonic WV-X4571L / WV-X4571LM 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
- 9 Megapixel fisheye images up to 30 fps
- iA (intelligent Auto)
- Super Dynamic 108dB
- H.265 Smart Coding
- ABF (Auto Back Focus)
- IP66, IK10, 50J compliant, Dehumidification device

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

Onvif® | SG
Specifications

**Camera**
- **Image Sensor**: Approx. 1/2 type MOS image sensor
- **Minimum Illumination**: Color : 0.3 lx, BW : 0.04 lx
- **Auto-Iris**: F/1.8, Maximum shutter : Off (1/30 sec), AGC : 11
- **IR LED**: F/1.8, Maximum shutter : Off (1/30 sec), AGC : 11, when the IR LED is on
- **Intelligent Auto**: Off
- **Super Dynamic (SD)**: Off
- **Privacy Zone**: On / Off (up to 20 characters alphabetmic characters, marks)

**Lens**
- **Focal length**: 1.4 mm (1/3.2 inches)
- **Focus range**: 0.5 m {19-11/16 inches} - ∞
- **Minimum Illumination**: BW : 0 lx

**Network**
- **Resolution**: (Fisheye) 2992×2992 / 2192×2192 / 1280×1280 / 640×640 / 320×320

**Audio**
- **Input**: Mic (Line) Input : On / Off       Volume adjustment : Low / Middle / High
- **Output**: 1x

**Additional Features**
- **Multi-area**: 1x
- **Focus area**: -5°, 0°, +5°
- **Night mode**: 0.5 m {19-11/16 inches} - ∞
- **Focus mode**: 1x

**Software**
- **Operating System**: English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese
- **Language**: English

**Power Source**
- **Input voltage**: 2.5 V ±0.5 V
- **Audio Source**: 60.3 (2-3/8”)
- **Network Interface**: 10Base-T / 100Base-TX
- **Input Impedance**: Approx. 2 k/uni03A9
- **Output Impedance**: Approx. 600 /uni03A9 (unbalanced)

**Multi-Interface Terminal**
- **Input terminal**: ALARM IN1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (x1)
- **Output terminal**: ALARM IN2 (Alarm input 2/ ALARM OUT) (x1)
- **Monitor output**: ALARM IN3 (Alarm input 3/ AUX OUT) (x1)

**Audio Out**
- **Input Impedance**: Approx. 80 k/uni03A9 (unbalanced)
- **Output Impedance**: Approx. 80 k/uni03A9 (unbalanced)
- **Output Level**: –20 dBV

**Audio/Video Output**
- **Output Impedance**: Approx. 80 k/uni03A9 (unbalanced)
- **Audio Output**: 60.3 (2-3/8”)

**Image Quality**
- **Image Quality**: 78.6
- **Image Enhancement**: Digital noise reduction

**Memory Card**
- **Supported Size**: 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 GB*, 64 GB**, 128 GB**, 256 GB**
- **Interface**: SDHC/SDXC

**Audio Compression**
- **Low**: G.711 : 64 kbps
- **Middle**: G.726 (ADPCM) : 16 kbps / 32 kbps
- **High**: G.726 (ADPCM) : 16 kbps

**Image Compression**
- **Camera Control (WV-Q122A)**: Panasonic 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 GB*, 64 GB**, 128 GB**, 256 GB** model
- **Panasonic alarm protocol output**: Alarm Actions
- **Mobile Terminal Compatibility**: Pix, iPhone, Android™

**Additional Features**
- **Alarm Actions**: SDHC/SDXC
- **Memory Card**: (Option) Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure
- **JPEG recording**: JPEG recording
- **On (Frame rate control) and On (Advanced) are only available with H.265.

**Safety**
- **Power Source and Power Consumption**: DC power supply : DC 12 V 1.24A /Approx. 12.5W
- **Input Impedance**: Approx. 760 /uni03A9 (unbalanced)
- **Output Level**: –20 dBV

**Security**
- **Network Interface**: 10Base-T / 100Base-TX
- **Audio Output**: 60.3 (2-3/8”)
- **Audio Source**: 60.3 (2-3/8”)

**Network Interface**
- **Video Motion Detection (1/2)**: 10Base-T / 100Base-TX
- **Video Motion Detection (2/8)**: 10Base-T / 100Base-TX
- **External I/O Terminals**: ALARM IN1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (x1)
- **Digital Signal**: Digital input : On / Off, 4 areas available

**Alarm Actions**
- **Alarm Actions**: ALARM IN1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (x1)
- **Alarm Actions**: ALARM IN2 (Alarm input 2/ ALARM OUT) (x1)
- **Alarm Actions**: ALARM IN3 (Alarm input 3/ AUX OUT) (x1)

**Audio Output**
- **Audio Output**: 60.3 (2-3/8”)
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**Audio/Video Output**
- **Video Motion Detection (1/2)**: 10Base-T / 100Base-TX
- **Audio Output**: 60.3 (2-3/8”)
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