iA (intelligent Auto) H.265 Network Camera

Panasonic WV-S2111L captures the highest quality images automatically even in very challenging and fast-changing surveillance environments. Intelligent Auto (iA) allows the camera to automatically adjust the key settings in real-time depending on the scenery and movement, reducing distortion such as motion blur and moving objects. New industry-leading 144dB dynamic range delivers balanced scene exposure in dynamic and extreme-backlit lighting environments. In addition, color night vision provides outstanding low-light performance with accurate color rendition and saturation from i-Pro’s 1/3” sensor, rivaling the performance of costlier 1/2” sensor cameras in the market. The adopted H.265 Smart Coding technology, intelligently reduces bandwidth efficiency of up to 95%* more than H.264 for longer recording and less storage. Cameras out-of-the-box, support full data encryption streaming and is compliant to FIPS 140-2 Level 1 standards to keep your video secured.

*Value in Advanced mode with Smart Facial Coding. It depends on the scene.

Extreme image quality allows evidence to be captured even under challenging conditions
- Auto Shutter speed control for fast moving vehicles
- Sharp and clear images of a walking person day & night
- Outstanding low light performance in true color with low noise for night time applications
- Super Dynamic 144dB for backlit situations involving headlights and shadows on night streets

Extreme H.265 compression with new 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.
- New “Smart Facial Coding” adds more bandwidth reduction for ID camera applications mainly capturing faces

*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

Key Features
- HD 720p 60fps
- iA (intelligent Auto)
- Extreme Super Dynamic 144dB
- Color night vision (0.0005 to 0.008 lx)
- H.265 Smart Coding
- FIPS 140-2 Level 1 compliant

Applications
- Airport (Passport control / Security checkpoint / Ticket counter)
- Retail / Bank / Education / Hospital / Building
### Specifications

**Camera**
- **Image Sensor**: Approx. 1/3 type MOS image sensor
- **Minimum Illumination**: Color (5 lUX, 50 IRE) / BW (0.005 lux / 0.005 l)
- **White Balance**: AWB (Auto), Daylight, Cloudy, Incandescent, Fluorescent, Self, The level can be set in the range of 0 to 31.
- **Dynamic Range**: 144 dB (Super Dynamic)
- **Focus Focusing Range**: 2.8 - 10 mm (Focal length: 2.8 - 10 mm)
- **Zoom ratio**: 3.6 x (Manual zoom / Motorized focus)
- **Maximum Aperture Ratio**: F1.6
- **Angular Field of View**: [16 : 9 mode] Horizontal: 30° (TELE) – 110° (WIDE) Vertical: 17° (TELE) – 59° (WIDE)

**Network**
- **Network IF**: 10Base-T / 100Base-TX, RJ45 connector
- **Network Protocol**: TCP/IP, UDP/IP, HTTP, HTTPS, RTP, FTP, SMTP, DNS, SNMP, DHCPv4, MLD, ICMP, ARP, IEEE 802.1X, DHCPv6, PPPoE, IPv6
- **Browser**: Embedded Web Browser

**Lens**
- **Focal length**: 2.8 - 10 mm / ø129.5 mm (ø5-3/32 inches)
- **Focusing Range**: 2.8 - 10 mm (Focal length: 2.8 - 10 mm)

**Audio**
- **Audio Input**: Mic, Line Input
- **Audio Output**: On / Off
- **Mic (Line) Input**: On / Off
- **Input impedance**: Approx. 2 k/uni03A9 (unbalanced)
- **Supply voltage**: 2.5 V ±0.5 V

**Finish**
- **Body color**: ABS resin, sail white
- **Dimensions**: ø129.5 mm x 101 mm (H) {ø5-3/32 inches x 3-31/32 inches (H)}

**Memory Card**
- **Supported Memory Card**: WV-SAE200

**Alarm**
- **Alarm Source**: 5 terminals input
- **Alarm Actions**: ALARM IN 1 (Black & white input, Auto time adjustment input) (x1), ALARM IN 2 (ALARM OUT) (x1), ALARM IN 3 (AUX OUT) (x1)

**Power Consumption**
- **DC12 V**: 560 mA, Approx. 6.8 W
- **DC48 V**: 150 mA, Approx. 7.2 W

**Power Source and EMC**
- **Power Source**: DC48 V 150 mA, Approx. 7.2 W (Class 0 device)
- **IEC60950-1**

**Smart Coding**
- **Smart Facial Coding**: On (Smart Facial Coding) / On (Auto VIQS) / Off

**Network Transmission Mode**
- **H.265/ H.264**: Constant bit rate / VBR / Frame rate / Best effort

**Supported Video Compression**
- **G.722 (ADPCM)**: 16 kbps / 32 kbps
- **G.711**: 64 kbps
- **AAC-LC**: 64 kbps / 96 kbps / 128 kbps

**Network Audio Transmission Mode**
- **Off**: Mic, Line input / Audio output / Interactive (half duplex) / Interactive (Full duplex)

**Dimensions**
- **Dimensions**: 186 mm x 195 mm x 126 mm (7-1/8 inches x 7-11/16 inches x 5 inches)

**Mass (approx.)**: 650 g (1.43 lbs)

**Material**: Acrylic resin, ABS resin

**Finish**: Dome section: Clear acrylic resin

**Ambient Operating Temperature**: -10°C ~ 50°C (Non-condensation)

**Ambient Operating Humidity**: 95% RH (non-condensation)

**Distributed by**: Panasonic

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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 other manufacturers’ products used on the network.

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**Optional Accessories**

- **Ceiling Mount Bracket**: WV-QV105A
- **Embedded Ceiling Mount Bracket**: WV-Q174B
- **Dome Cover (Smoke type)**: WV-CFS5A