iA (intelligent Auto) H.265 Network Camera

Panasonic WV-S1531LN 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, use an encryption module standardized by FIPS Publication 140-2 for secure video streaming.

*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
- Environmental durability : IP66, IK10 and Dehumidification device

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.
- 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
- 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
- Full HD 1080p 60fps
- iA (intelligent Auto)
- Extreme Super Dynamic 144dB
- Color night vision (0.0008 to 0.012 lx)
- H.265 Smart Coding
- ClearSight Coating
- i-VMD License Bundled

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

### Network
- **Camera Title (OSD):** WV-QUV181 [WITT][4 : 3 mode] 16 : 9 \\
  [4 : 3 mode] Horizontal : 26° (TELE) – 91° (WIDE) \\
  Vertical : ±100 ° (TILT rotation part)* \\
  [16 : 9 mode] Horizontal : 31° (TELE) – 112° (WIDE) \\
  Vertical : 17° (TELE) – 60° (WIDE) \\
- **Resolution:** 
  - H.265/H.264 
  - 1080P (High) / 1080i (Standard) / NTSC 
- **Camera Model:** WV-Q182 (Light gray) 
  - WV-Q183 (Light gray) 
  - WV-Q188 
- **Power Consumption:** DC48 V 195 mA, Approx. 9.4 W (Class 0 device) 
- **Audio Output:** 3.5 mm stereo mini jack (monaural output) 
- **Alarm:** 
  - ARM (Alarm input) : Black & white input / Auto trigger input / Audio input / To camera 
- **Transmission Type:** Uniicast / Multicast 
- **Camera Network:** IP (Ethernet) 
- **Digital Noise Reduction:** Digital Noise Reduction 
- **Image Rotation:** 90(3-3/4") 
- **JPEG:** 
  - H.265/ H.264 
- **Object Detection:** 
  - i-VMD : Intruder Detection, Loitering Detection, 
  - Scene Change Detection, Motion Detection, 
  - Direction Detection 
- **Performance:** 
  - 337(1 ft 1-17/64") 
  - 99(3-57/64") 
- **Audio:** 
  - Volume adjustment : Low / Middle / High 
  - Mic (Line) Input : On / Off 
- **Illumination:** 
  - 0.3 m {11-13/16 inches} – ∞ 
- **Image Sensor:** 
  - Approx. 1/3 type MOS image sensor 
- **Operating Specifications:** 
  - Approx. 1.6 kg {3.53 lbs} When using the adapter box : Approx. 2.1 kg {4.63 lbs} 
- **Dimensions:** 
  - 130 mm (W) x 130 mm (H) x 337 mm (L) 
- **PoE (IEEE802.3af compliant):** 
  - DC power supply : DC12 V 750 mA, Approx. 9.0 W 
- **Dimensions:** 
  - 130 mm (W) x 130 mm (H) x 337 mm (L) 

### Audio
- **Power Source and Power Consumption:** DC power supply : DC12 V 750 mA, Approx. 9.0 W 
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### Appearance

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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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**https://security.panasonic.com**