iA (intelligent Auto) H.265 Compact Dome Camera

Panasonic WV-S3531L is a compact & simple design multifunction camera that achieves high visibility even under extreme conditions and can be placed in a small space without damaging the landscape. 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 conventional 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 depends on scene.

Extreme image quality allows evidence to be captured even under challenging conditions
- Auto Shutter speed control for fast moving objects with Intelligent Auto
- 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
- Built-in IR LED to produce a clear monochrome image in 0 lux conditions with 15 m (49 feet) irradiation distance
- Wide area surveillance even in compact design. moreover, corridor mode to survey vertically long area.
- Environmental durability : IP66, IK10

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 microSDXC/microSDHC/microSD 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
- Full HD 1080p 60fps
- iA (intelligent Auto)
- Extreme Super Dynamic 144dB
- Color night vision (0.0019 to 0.03 lx)
- H.265 Smart Coding
- Built-in IR LED
- Corridor mode
  (90 degrees or 270 degrees in image rotation)

Industry examples
- Education
- Retail
- Bank (ATM)
- Building
Specifications

**Camera**
- Image Sensor: Approx. 1/3 type CMOS (image sensor)
- Minimum Illumination: Color: 0.014 lx, BW: 0.005 lx
- Maximum Shutter: Max. 1/25000 s to Max. 1/10 s

**GUI**
- Adjusting Angle: (2-3/32”)
- Appearance: 36°
- Resolution: 27 (7/8”)

**Image Rotation**
- High (when Super dynamic / Intelligent Auto / auto contrast adjust: Off)
- Medium (when the IR LED is On)
- Low (when the IR LED is Off)

**Audio Compression**
- AAC-LC (Advanced Audio Coding - Low Complexity)
- G.711

**Supported Protocol**
- IP-based: TCP/IP, UDP/IP, HTTP, HTTPS, RTP, FTP, SMTP, DNS, NTP, SNMP, DHCPv4, MLD, ICMP, ARP, IEEE 802.11x, DHCPv6
- IPv4: TCP/IP, UDP/IP, HTTP, HTTPS, RTP, RTSP, RTSP/RTCP, FTP, SMTP, DHCP, DNS, DNS, NTP, SNMP, LPR, KAM, ICMP, ARP, IEEE 802.13, DiffServ

**Image Sensor**
- JPEG (MJPEG)
- H.265/ H.264

**Network IF**
- 10Base-T / 100Base-TX, RJ45 connector

**Network**
- Audio Compression: G.718 (ADPCM): 16 khz / 32 khz
- G.711: 64 khz
- AAC-LC: 64 khz / 96 khz / 128 khz

**Dimensions**
- Approx. ø4-9/32 inches x 2-3/32 inches (H)

**Main body**
- Aluminum die cast, Light gray
- Dome radius 27 mm (1-1/16 inches)
- Ø109 mm x 53 mm (H) (ø4-9/32 inches x 2-3/32 inches (H))

**Dimensions**
- Approx. 1/3 type CMOS image sensor

**Masses and dimensions**
- Approx. ø4-9/32 inches x 2-3/32 inches (H)

**Finish**
- Polycarbonate resin, Clear

**Unit:** mm (inches)