Clear visibility of distant objects even in the dark

The Panasonic WV-X6533LN IR-PTZ camera has a powerful 40x optical zoom with infrared light (LED), plus a built in imaging stabilizer enabling Pan/Tilt 360 degree video surveillance up to 350 m under total darkness. Can monitor subjects at long distance range during daytime and also nighttime under zero lux no lighting environment suitable for perimeter surveillance at airports, critical infrastructure, defense, federal & government, manufacturing facilities, and for general city/road surveillance purposes.

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, intelligently reduces bandwidth efficiency up to 95%* more than conventional H.264 for longer recording and less storage.

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

Extreme image quality for evidence capturing under challenging conditions
- Built-in IR LED to produce a clear monochrome image in 0 lux conditions with 350 m (1150 feet) irradiation distance
- The visible light cut filter makes it possible to focus on subjects even in environments with a mix of infrared and visible light
- Long-distance vision with high power 40x zoom lens and Intelligent Zoom Stabilization with gyroscope
- Sharp and clear image of fast moving vehicles with Intelligent Auto and ClearSight Coating
- Outstanding low light performance in true color with low noise for night time applications
- Dehumidification and defrosting with the defroster device
- Environmental durability: IP66, IK10, Long life Pan/Tilt gear mechanism

Extreme bandwidth compression with new Panasonic H.265 Smart Coding
- Longer recording, less storage compared to H.264 based compression techniques
- New self-learning ROI* encoding (Auto VIQS) dynamically detect motion areas
to keep vehicles and human 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
- 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 1920x1080 60fps
- Long distance IR illumination
- Intelligent Zoom Stabilization with 40x optical zoom
- ClearSight Coating
- Durable Pan/Tilt gear mechanism
- iA (intelligent Auto)
- Color night vision (0.001 to 0.015 lx)
- IP66, IK10 certified, Defroster
- i-VMD License Bundled
- Fiber Optic Media Converter Unit (Optional WV-X65F1)

Industry examples
- Traffic
- Safe city
- Railway
- Critical infrastructure
- Airport
- Stadium
### Specifications

#### Camera
- **Image Sensor**: Approx. 1/3.3 type CMOS image sensor
- **Minimum Illumination**: Color: 0.015 lx, BW: 0.008 lx (f/1.6, Maximum shutter: Off / 1/30s, AGC: +11)
  - BW: 0.0
- **Maximum Illumination**: Color: 0.001 lx, BW: 0.004 lx (f/1.6, Maximum shutter: max. 1/60s, AGC: +11)

#### Intelligent Auto
- **On** / **Off**

#### Shutter Speed
- 1/50 to 1/100,000 sec. Fix to 2/120 sec. is available during 30 fps mode only.
- 1/60 sec is available during 60 fps mode only.

### Lens
- **Zoom Ratio**: 40 x optical zoom (Motorized zoom / Motorized focus)
- **Digital zoom**: 6 x
- **Focal length**: 4.25 mm - 170 mm (5/32 inches - 6/11 inches)
- **Maximum Aperture Ratio**: T3.8 - F3.9
- **Focus range**: 3 mm (1/80 inches) to 50 m (approx. 500 feet) (Digital zoom)
- **Angular Field of view**: Horizontal: 1.9 (TELE) – 66 (WIDE)°
- **Pan/Tilt**: Horizontal: 1.1 ° (WIDE) – 29 ° (TELE) / Vertical: 1.1 ° (WIDE) – 29 ° (TELE)

### Network
- **Smart Coding**: Smart Facial Coding / OnSmart Facial Coding / OnAUTOWVQ / OffSmart Facial Coding is only available with Stream1.
- **GOP Group (frame/inter frame)**: Off / On (with (frame)cellent) / Un(defined) / Off (Off: Off)
- **Jitter (in camera) and OnFacilautie (any available with H.265).

#### Audio Compression
- **Input**: 0.78% (ADPCM): 16 khz 3/2 bits, 651.75 - 64 khz
- **Output**: AAC-LC: 64 khz / 96 khz / 128 khz

#### Audio Transmission Mode
- **Input** / **Output**: Off / On (Microphone input / Audio output for Alexa / Amazon Alexa / Google Assistant)

### Video Motion Detection (VMD)
- **VMD**: Type-based License
- **Stabilizer**: On / Off (available only in the 30 fps mode)

### Privacy Zone
- **Pan/Tilt / Zoom / Focus / Auto mode / Brightness / Preset, AUX, Audio Input, Alarm Source / Manual REC / Alarm REC (Pre/Post) / Schedule REC / H.265 / H.264 recording:
- **Birds-eye View**

### Wind Resistance
- **External I/O Terminals**: 3 terminals input, VMD alarm*8, Command alarm, Audio detection alarm, Auto track alarm
- **H.265 / H.264 recording**
- **Audio Input**: Off / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex)
- **Power Source and Power Consumption**: AC24 V 3.4 A, Approx. 55 W

### Bundled License
- **Panasonic protocol output**
- **Tested POE Injector (60 W)**
- **IP Security Camera Management**

### Optional Accessories
- **Fiber optic Media Converter Unit**
- **Wall Mount Bracket**
- **Corner Mount Bracket**

### Trademarks and registered trademarks
- **Apple**, iPod, iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.
- **Android** is a trademark of Google LLC.
- **Panasonic**, the Panasonic logo, and **OnVIF** are trademarks or registered trademarks of OnVif Inc.
- **OnVIF** and the OnVIF logo are trademarks or registered trademarks of Onvif Inc.

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

### DISTRIBUTED BY
- https://www.security.panasonic.com
- https://www.facebook.com/Panasonicnetworkcamera
- (DA-227CU)