Compact 4K PTZ Camera equipped with an ultra-wide-angle lens with a 111° field of view and perfect for fixed point shooting.
**HDMI, LAN and USB output-compatible compact 4K PTZ Camera equipped with an ultra-wide-angle lens with a 111° field of view**

The compact 4K PTZ Camera is equipped with an ultra-wide-angle lens with a 111° field of view to capture the entire scene. The unit supports PoE supply and can be powered via USB from a computer to realize a single cable solution for video transmission, camera control and power supply. The camera is perfect for a wide range of applications including lecture capturing, video conferencing and e-Sports live streaming.

**HDMI output requires PoE HUB or AC adaptor (5V/1A or more).**

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**Ultra–Wide-Angle Lens with a 111° Field of View**

Equipped with an ultra-wide-angle lens with a 111° field of view to capture every part of even the largest spaces and transmit wide-angle video in limited installation space.

**High-Quality 4K/30p Video Output**

Supports 2840x1600/30p 4K video output and a variety of other formats for use in a wide range of environments.

**Single Cable Solution**

In addition to PoE supply, power supply from a computer via USB cable is also supported to enable operation without connecting an AC adaptor, realizing a single cable solution for video transmission, camera control and power supply.

**Using PoE Supply**

- Using as a USB Camera
- Using as a Camera

**Using a USB Camera**

- 111° Field of View Range: 42 x 24 to 72 mm, 35 mm conversion: 14 x 8.4 mm
- Digital Zoom: No
- Field of View Range: 3.6 x digital zoom (max. 151°, horizontal field of view 111°, vertical field of view 75°, diagonal field of view 120°)
- Focus: Single focus
- Focus Distance: 350 cm
- Minimum Illumination: 4lx (conditions: 50 IRE, gain 42 dB, shutter speed 1/60)
- Minimum Resolution: horizontal: 1080 (horizontal), vertical: 1080 (vertical), diagonal: 1200 (diagonal)
- Digital Pan and Tilt: 4x digital zoom (max. 151°, horizontal field of view 111°, vertical field of view 75°, diagonal field of view 120°)
- Digital Pan and Tilt: 4x digital zoom (max. 151°, horizontal field of view 111°, vertical field of view 75°, diagonal field of view 120°)

**Electronic Shutter**

- 4K Auto Mode with Shutter Priority Mode
- Manual Mode (1/2000, 1/4000, 1/8000, 1/16000)
- 4K Auto Mode with Shutter Priority Mode (1/2000, 1/4000, 1/8000, 1/16000)

**Digital Pan, Tilt and Zoom**

Equipped with digital zoom for magnification up to four times to capture distant subjects clearly. Once images are zoomed in, digital pan/tilt is available, offering flexibility to shoot from different angles.

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**RTMP/RTMPS**

Supports RTMP and RTMPS for direct upload and streaming of video on services such as YouTube Live or Facebook Live. Video can be uploaded and streamed directly from the camera to live streaming services.

* RTMP: Real-Time Messaging Protocol
* RTMPS: Real-Time Messaging Protocol Secure

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**Ultra-Wide Angle Lens with 111° Field of View**

- AW-UE4WG
- AW-UE4WG/KG

**Camera Position**

- Stand-alone (Desktop) Style
- Suspended (Hanging) Style

**Specifications**

- **AW-UE4WG**
  - **Output format**: 4K
  - **Video Output**: HDMI, LAN, USB
  - **Video Output**: 2160/30p, 2160/29.97p, 2160/25p
  - **Video Output**: 1080/60p, 1080/59.94p, 1080/50p, 1080/30p,
  - **Video Output**: 4K Integrated Camera
  - **Video Output**: 2160/25p
  - **Video Output**: 1080/60p, 1080/59.94p, 1080/50p, 1080/30p,

**Input/Output**

- **LAN**: 100Base-TX/1000Base-T (RJ-45)
- **USB**: USB-A type (for USB camera)
- **Audio**: Analog microphone, analog line-in, USB microphone
- **Camera Control**: NDI|HX, Profile A, Profile B

**Video Compression Format**

- **Video Compression Format**: H.264, H.265

**Audio Compression Format**

- **Audio Compression Format**: Linear PCM, 48 kHz/16 bit/2 ch

**Video Output**

- **Video Output**: YUV, MJPEG

**Audio On/Off**

- **Audio On/Off**: Available (mute function)

**Audio On/Off**

- **Audio On/Off**: Stable microphone

**Controller Supported**

- **Controller Supported**: AW-RP50GJ, AW-RM50GJ

**Resolution**

- **Resolution**: 3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360

**Stream Bitrate**

- **Stream Bitrate**: MJPEG: Not specified

**Digital Pan and Tilt**

- **Digital Pan and Tilt**: 4x digital zoom (max. 151°, horizontal field of view 111°, vertical field of view 75°, diagonal field of view 120°)

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**Installation Method**

- **Installation Method**: Stand-alone (Desktop) Style or suspended (Hanging) Style

**Network Switch**

- **Network Switch**: RJ-45 terminal for IP control (RJ-45)

**USB Audio Class**

- **USB Audio Class**: Ver1.0

**Streaming Protocol**

- **Streaming Protocol**: RTMP/RTMPS, HTTP/HTTPS

**Output/Signal**

- **Output/Signal**: YUV, MJPEG

**Audio On/Off**

- **Audio On/Off**: Available

**Pan/tilt/Zoom**

- **Pan/tilt/Zoom**: Pan: 355°, Tilt: 270°, Zoom: 2x digital zoom

**Orientation**

- **Orientation**: Vertical: +110° to -10°, Horizontal: 355°

**Mounting**

- **Mounting**: 1/4-inch screw (L head screw), 1/2-inch screw (I head screw)

**Power Source**

- **Power Source**: DC 5 V±5 % (4.75 V to 5.25 V)

**Power Consumption**

- **Power Consumption**: 1.0A (USB input), 0.2A (PoE power supply)

**Ambient Operating Temperature**

- **Ambient Operating Temperature**: -20 °C to 50 °C (–4 °F to 122 °F)

**Ambient Operating Humidity**

- **Ambient Operating Humidity**: 20 % to 90 % (no condensation)

**Dimensions**

- **Dimensions**: 123 mm x 131 mm x 139 mm (4-53/64 inches x 5-5/32 inches x 5-29/64 inches)

**Weight**

- **Weight**: Approx. 0.5 kg (excluding protrusions, mount bracket)

**Accessories Provided**

- **Accessories Provided**: USB cable, Drop-prevention wire, Mount kit, L-Mount kit, Tripod screw (I-head type, 1/4 x 20 UNC), M4 screw (10 mm length): 4, M4 screw (5 mm length): 4

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**Notes**

- For PTZ operation and communication environments, see Service and Support on the Panasonic website, https://pro-av.panasonic.net/en/

*AW-RP50GJ connection support planned for the future. (See the Panasonic website for more details. User may require a software version update.)

AW-UE4WG connection support planned for the future. (See the Panasonic website for more details. User may require a software version update.)

*1: Abbreviation of Power over Ethernet.

*2: A computer is required for connection to the streaming servers.

*3: Not support.

*4: Series 1.3 (10BASE-T, 100BASE-TX, 1000BASE-T)

*5: When a PoE ethernet hub is not used: LAN cable

*6: Not support.

*7: To ensure safety, the unit must be secured using the mount bracket supplied.

*8: STP (Shielded Twisted Pair) recommended.

*9: HTTPS recommended.