



The AW-UE4 electronic PTZ Camera supports up to 4K/30P video output

## AW-UE4

Compact 4K PTZ Camera for 4K 30p/25p\* high quality video output. Equipped with an ultra-wide-angle lens with a 111° field of view and capable of video output with three interfaces, HDMI, LAN and USB. \*Actual output format is UHD(3840x2160)29.97p/25p

### Key Features

High-Quality 4K 30p/25p Video Output

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

Single Cable Solution

Operation without connecting an AC adapter via PoE or via USB

Zoom Certified





## AW-UE4

<https://ap.connect.panasonic.com/p/h/en/aw-ue4>

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| <b>General -&gt; Power Requirements</b>                          | DC 5 V±5 % (4.75 V to 5.25 V)   |
| <b>General -&gt; PoE</b>   | PoE<br>IEEE802.3at compliant: DC37 V to 57 V  |
| <b>General -&gt; Current Consumption</b>                         | 1.0A (USB input), 0.2A (PoE power supply)   |
| <b>General -&gt; Ambient Operating Temperature</b>               | 0 °C to 40 °C (32 °F to 104 °F)   |
| <b>General -&gt; Ambient Operating Humidity</b>                  | 20 % to 90 % (no condensation)  |
| <b>General -&gt; Storage Temperature</b>                         | -20 °C to 50 °C (-4 °F to 122 °F)   |
| <b>General -&gt; Weight</b>                                      | Approx. 0.5 kg (1.1 lb) (excluding mount bracket)   |
| <b>General -&gt; Dimensions</b>                                  | W 123 mm x H 131 mm x D 139 mm<br>(4-53/64 inches x 5-5/32 inches x 5-29/64 inches)<br>(excluding protrusions, mount bracket)<br>W 123 mm x H 131 mm x D 152 mm<br>(4-53/64 inches x 5-5/32 inches x 5-62/64 inches)<br>(excluding mount bracket)   |
| <b>General -&gt; Finish</b>                                      | AW-UE4WG: White<br>AW-UE4KG: Black  |
| <b>General -&gt; Controller Supported *1</b>                     | See the Compatibility Chart for Operation Devices and Application Software page   |
| <b>Camera Unit -&gt; Imaging Sensor</b>                          | 1/2.5-type MOSx1  |
| <b>Camera Unit -&gt; Zoom</b>                                    | • Digital Zoom: 4x  |
| <b>Camera Unit -&gt; Lens</b>                                    | F2.4 (f=2.21 mm, 35 mm conversion: 13.4 mm)   |
| <b>Camera Unit -&gt; Angle of View Range</b>                     | LDC *2 Off: Horizontal field of view 111°, vertical field of view 75°, diagonal field of view 120°<br>LDC *2 On: Horizontal field of view 108°, vertical field of view 75°, diagonal field of view 116°   |
| <b>Camera Unit -&gt; Focus</b>                                   | Single focus  |
| <b>Camera Unit -&gt; Focus Distance</b>                          | 700 mm  |
| <b>Camera Unit -&gt; Minimum Illumination</b>                    | 4 lx (conditions: 50 IRE, gain 42 dB, shutter speed 1/60)   |
| <b>Camera Unit -&gt; Horizontal Resolution</b>                   | > 4K<br>> HD  |
| <b>Camera Unit -&gt; Horizontal Resolution</b>                   | > 900 TV typ (central area)   |
| <b>Camera Unit -&gt; Digital Pan and Tilt Angle</b>              | 2x digital zoom: Pan approx. ± 34°, tilt approx. ± 21°<br>4x digital zoom: Pan approx. ± 45°, tilt approx. ± 30°  |
| <b>Camera Unit -&gt; Gain Selection *2</b>                       | Auto, 0 to 42 dB *3 Can be set in 3 dB increments   |
| <b>Camera Unit -&gt; Electronic Shutter Speed -&gt; FullAuto</b> | Full Auto Mode with Slow Shutter On / Shutter Priority Mode<br>1/1, 1/2, 1/5, 1/10, 1/20, 1/30, 1/60, 1/120, 1/240, 1/480, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 [60 Hz/59.94 Hz]<br>1/1, 1/2, 1/5, 1/10, 1/20, 1/25, 1/50, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 [50 Hz]<br>Full Auto Mode with Slow Shutter Off<br>1/60, 1/120, 1/240, 1/480, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 [60 Hz/59.94 Hz]<br>1/50, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 [50 Hz] |
| <b>Camera Unit -&gt; Electronic Shutter Speed -&gt; Manual</b>   | 1/1, 1/2, 1/5, 1/10, 1/20, 1/30, 1/60, 1/120, 1/240, 1/480, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 [60 Hz/59.94 Hz]<br>1/1, 1/2, 1/5, 1/10, 1/20, 1/25, 1/50, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 [50 Hz]   |
| <b>Camera Unit -&gt; White Balance</b>                           | ATW, AWB A, AWB B, 3200K, 5600K   |
| <b>Camera Unit -&gt; Chroma Amount Variability</b>               | 11 steps (0 to 10)  |
| <b>Input Connector -&gt; DC IN</b>                               | PoE   |
| <b>Output Connector -&gt; HDMI</b>                               | HDMI Connector<br>4:4:4/8 bit<br>• HDCP is not supported.<br>• Viera Link is not supported.   |
| <b>Input/Output Connector -&gt; LAN</b>                          | LAN terminal for IP control (RJ-45)   |
| <b>Input/Output Connector -&gt; USB</b>                          | Type-C connector  |
| <b>Pan-tilt Head Unit -&gt; IP connecting cable</b>              | • When a PoE ethernet hub is used: LAN cable *8(category 5e or above), max. 100 m (328 ft)<br>• When a PoE ethernet hub is not used: LAN cable *8(category 5 or above), max.100 m (328 ft)  |
| <b>Pan-tilt Head Unit -&gt; Installation Method</b>              | Stand-alone (Desktop) or suspended (Hanging) *7   |
| <b>Pan-tilt Head Unit -&gt; Panning Range</b>                    | ±110° (manual)  |
| <b>Pan-tilt Head Unit -&gt; Tilting range</b>                    | ±25° (manual)   |
| <b>IP Streaming -&gt; Image Streaming Mode</b>                   | MJPEG (HTTP), H.264 (RTSP/RTMP/RTMPS), H.265 (RTSP)   |

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| <b>IP Streaming -&gt; Image Resolution</b>   | [MJPEG]<br>1280×720、640×360<br>[H.264/H.265]<br>3840×2160、1920×1080、1280×720、640×360   |
| <b>IP Streaming -&gt; Image Transmission Setting (MJPEG) -&gt; Frame Rate *2</b>   | Max. 30fps (25fps)   |
| <b>IP Streaming -&gt; Image Transmission Setting (MJPEG) -&gt; Max Bit Rate *2</b> | Unspecified  |
| <b>IP Streaming -&gt; Image Transmission Setting (H.264) -&gt; Frame Rate</b>      | [60 Hz/59.94 Hz] 5fps / 15fps / 30fps / 60fps (4K up to 30fps)<br>[50 Hz] 5fps / 10fps / 25fps / 50fps (4K up to 25fps)  |
| <b>IP Streaming -&gt; Image Transmission Setting (H.264) -&gt; Max Bit Rate</b>    | 1024kbps to 32768kbps  |
| <b>IP Streaming -&gt; Image Transmission Setting (H.265) -&gt; Frame Rate</b>      | [60 Hz/59.94 Hz] 5fps / 15fps / 30fps / 60fps (4K up to 30fps)<br>[50 Hz] 5fps / 10fps / 25fps / 50fps (4K up to 25fps)  |
| <b>IP Streaming -&gt; Image Transmission Setting (H.265) -&gt; Max Bit Rate</b>    | 1024kbps to 32768kbps  |
| <b>IP Streaming -&gt; Audio Compression Format</b>                                 | AAC-LC, 48kHz/16bit/2ch  |
| <b>IP Streaming -&gt; Supported Protocol -&gt; IPv6</b>                            | TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/RTCP, DNS, ICMPv6   |
| <b>IP Streaming -&gt; Supported Protocol -&gt; IPv4</b>                            | TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/RTCP, DHCP, DNS, ICMP, ARP, RTMP, RTMPS   |
| <b>USB web camera -&gt; Image output</b>   | USB Video Class Ver1.1   |
| <b>USB web camera -&gt; Video Compression Format</b>                               | YUV, MJPEG   |
| <b>USB web camera -&gt; Image resolution -&gt; YUV</b>                             | 640 x 360  |
| <b>USB web camera -&gt; Image resolution -&gt; MJPEG</b>                           | 3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360  |
| <b>USB web camera -&gt; Image Transmission Setting (frame rate) -&gt; YUV</b>      | [60 Hz/59.94 Hz] :15fps<br>[50 Hz]:10fps   |
| <b>USB web camera -&gt; Image Transmission Setting (frame rate) -&gt; MJPEG</b>    | [60 Hz/59.94 Hz] 30fps *5/ 15fps *5/ 5fps<br>[50 Hz] 25fps *5/ 10fps *5/ 5fps  |
| <b>USB web camera -&gt; Audio Output</b>   | USB Audio Class Ver1.0   |
| <b>USB web camera -&gt; Audio Compression Format</b>                               | Linear PCM, 48KHz/16bit/2ch  |
| <b>Internal Mic -&gt; Internal Mic</b>   | Stereo microphone  |
| <b>Internal Mic -&gt; Audio On/Off</b>   | Available (mute function)  |
| <b>Internal Mic -&gt; ALC Function</b>   | Available  |
| <b>Footnote Description</b>  | <ol style="list-style-type: none"> <li>1. AW-RP60GJ connection support planned for the future. See the Panasonic website for more details. Use may require a software version update.</li> <li>2. LDC is the abbreviation for Lens Distortion Correction.</li> <li>3. HDCP not supported.</li> <li>4. VIERA Link not supported.</li> <li>5. VIERA Link not supported.</li> <li>6. JPEG and H.264, H.265 simultaneous operation supported.</li> <li>7. To ensure safety, the unit must be secured using the mount bracket supplied.</li> <li>8. STP (Shielded Twisted Pair) recommended.</li> </ol> |