



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/sg/en/aw-ue4>

<b>General -&gt; Power Requirements</b>	DC 5 V±5 % (4.75 V to 5.25 V)
<b>General -&gt; PoE</b>	PoE 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 (4-53/64 inches x 5-5/32 inches x 5-29/64 inches) (excluding protrusions, mount bracket) W 123 mm x H 131 mm x D 152 mm (4-53/64 inches x 5-5/32 inches x 5-62/64 inches) (excluding mount bracket)
<b>General -&gt; Finish</b>	AW-UE4WG: White 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° 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 > 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° 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 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] 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] Full Auto Mode with Slow Shutter Off 1/60, 1/120, 1/240, 1/480, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 [60 Hz/59.94 Hz] 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] 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 4:4:4/8 bit • HDCP is not supported. • 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) • 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)

<b>IP Streaming -&gt; Image Resolution</b>	[MJPEG] 1280×720、640×360 [H.264/H.265] 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) [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) [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 [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 [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>