Panasonic CONNECT



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

4K PROFESSIONAL

HDMI HIGH DEFINITION MULTIMEDIA INTERFACE

zoom Certified

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https://ap.connect.panasonic.com/sg/en/aw-ue4

General -> Power Requirements	DC 5 V±5 % (4.75 V to 5.25 V)
General -> PoE	PoE IEEE802.3at compliant: DC37 V to 57 V
General -> Current Consumption	1.0A (USB input), 0.2A (PoE power supply)
General -> Ambient Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
General -> Ambient Operating Humidity	20 % to 90 % (no condensation)
General -> Storage Temperature	-20 °C to 50 °C (-4 °F to 122 °F)
General -> Weight	Approx. 0.5 kg (1.1 lb) (excluding mount bracket)
General -> Dimensions	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)
General -> Finish	AW-UE4WG: White AW-UE4KG: Black
General -> Controller Supported	See the Compatibility Chart for Operation Devices and Application Software page
Camera Unit -> Imaging Sensor	1/2.5-type MOSx1
Camera Unit -> Zoom	• Digital Zoom: 4x
Camera Unit -> Lens	F2.4 (f=2.21 mm, 35 mm conversion: 13.4 mm)
Camera Unit -> Angle of View Range	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°
Camera Unit -> Focus	Single focus
Camera Unit -> Focus Distance	700 mm
Camera Unit -> Minimum Illumination	4 lx (conditions: 50 IRE, gain 42 dB, shutter speed 1/60)
Camera Unit -> Horizontal Resolution -> 4K	1,400 TV typ (center area)
Camera Unit -> Horizontal Resolution -> HD	900 TV typ (central area)
Camera Unit -> Digital Pan and Tilt Angle	2x digital zoom: Pan approx. ± 34°, tilt approx. ± 21° 4x digital zoom: Pan approx. ± 45°, tilt approx. ± 30°
Camera Unit -> Gain Selection	Auto, 0 to 42 dB *3Can be set in 3 dB increments
Camera Unit -> Electronic Shutter Speed -> FullAuto	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]
Camera Unit -> Electronic Shutter Speed -> Manual	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]
Camera Unit -> White Balance	ATW, AWB A, AWB B, 3200K, 5600K
Camera Unit -> Chroma Amount Variability	11 steps (0 to 10)
Input Connector -> DC IN	PoE
Output Connector -> HDMI	HDMI Connector 4:4:4/8 bit ・HDCP is not supported. ・Viera Link is not supported.
Input/Output Connector -> LAN	LAN terminal for IP control (RJ-45)
Input/Output Connector -> USB	Type-C connector
Pan-tilt Head Unit -> IP connecting cable	・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)
Pan-tilt Head Unit -> Installation Method *4	Stand-alone (Desktop) or suspended (Hanging) *7
Pan-tilt Head Unit -> Panning Range	±110° (manual)
Pan-tilt Head Unit -> Tilting range	±25° (manual)
IP Streaming -> Image Streaming Mode	MJPEG (HTTP), H.264 (RTSP/RTMP/RTMPS), H.265 (RTSP)

IP Streaming -> Image Resolution	[MJPEG] 1280×720、640×360 [H.264/H.265] 3840×2160、1920×1080、1280×720、640×360
IP Streaming -> Image Transmission Setting (MJPEG) -> Frame Rate *7	Max. 30fps (25fps)
IP Streaming -> Image Transmission Setting (MJPEG) -> Max Bit Rate *7	Unspecified
IP Streaming -> Image Transmission Setting (H.264) -> Frame Rate	[60 Hz/59.94 Hz] 5fps / 15fps / 30fps / 60fps (4K up to 30fps) [50 Hz] 5fps / 10fps / 25fps / 50fps (4K up to 25fps)
IP Streaming -> Image Transmission Setting (H.264) -> Max Bit Rate	1024kbps to 32768kbps
IP Streaming -> Image Transmission Setting (H.265) -> Frame Rate	[60 Hz/59.94 Hz] 5fps / 15fps / 30fps / 60fps (4K up to 30fps) [50 Hz 9] 5fps / 10fps / 25fps / 50fps (4K up to 25fps)
IP Streaming -> Image Transmission Setting (H.265) -> Max Bit Rate	1024kbps to 32768kbps
IP Streaming -> Audio Compression Format	AAC-LC, 48kHz/16bit/2ch
IP Streaming -> Supported Protocol -> IPv6	TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/RTCP, DNS, ICMPv6
IP Streaming -> Supported Protocol -> IPv4	TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/RTCP, DHCP, DNS, ICMP, ARP, RTMP, RTMPS
USB web camera -> Image output	USB Video Class Ver1.1
USB web camera -> Video Compression Format	YUV, MJPEG
USB web camera -> Image resolution -> YUV	640 x 360
USB web camera -> Image resolution -> MJPEG	3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360
USB web camera -> Image Transmission Setting (frame rate) -> YUV	[60 Hz/59.94 Hz] :15fps [50 Hz]:10fps
USB web camera -> Image Transmission Setting (frame rate) -> MJPEG	[60 Hz/59.94 Hz] 30fps *5/ 15fps *5/ 5fps [50 Hz] 25fps *5/ 10fps *5/ 5fps
USB web camera -> Audio Output	USB Audio Class Ver1.0
USB web camera -> Audio Compression Format	Linear PCM, 48KHz/16bit/2ch
Internal Mic -> Internal Mic	Stereo microphone
Internal Mic -> Audio On/Off	Available (mute function)
Internal Mic -> ALC Function	Available
Footnote Description	1. AW-RP60GJ connection support planned for the future. See the Panasonic website for more details. Use may require a software version update. 2. LDC is the abbreviation for Lens Distortion Correction. 3. HDCP not supported. 4. VIERA Link not supported. 5. VIERA Link not supported. 6. JPEG and H.264, H.265 simultaneous operation supported. 7. To ensure safety, the unit must be secured using the mount bracket supplied. 8. STP (Shielded Twisted Pair) recommended.