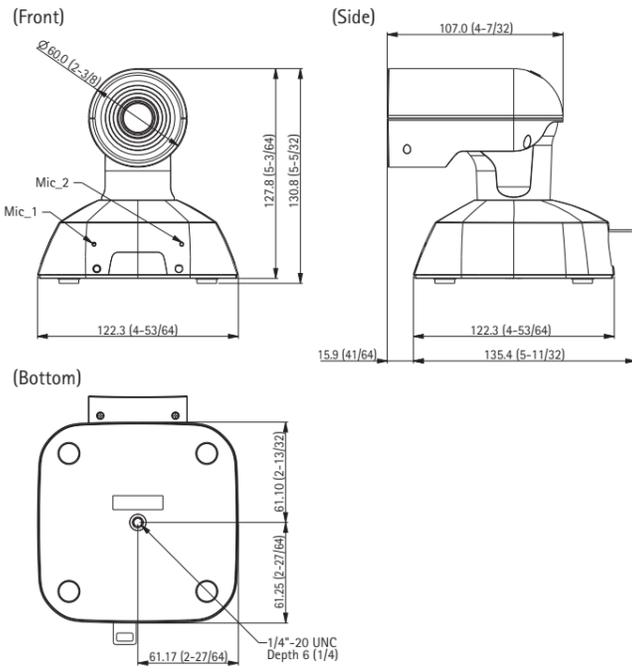


Dimensions

Unit:mm (inches)



Rear View



Optional Products

Remote Camera Controller AW-RP60GJ* 	Wireless remote control AW-RM50G 
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*Separate AC adaptor or PoE HUB required.

*AW-RP60GJ connection support planned for the future. See the Panasonic website (<https://pro-av.panasonic.net/en/products/aw-rp60gj/>) for more details. Use may require a software version update.

Panasonic

BUSINESS

AW-UE4WG [White Model]
AW-UE4KG [Black Model]
 4K Integrated Camera

For indoor use

Compact 4K PTZ Camera equipped with an ultra-wide-angle lens with a 111° field of view and perfect for fixed point shooting



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For more information, please visit Panasonic web site
<https://pro-av.panasonic.net/en/qr/>



Broadcast and Professional AV Website



Contact Information



Facebook



Mobile App



Factories of AVC Networks Company have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)

HDMI, LAN and USB output-compatible compact 4K PTZ Camera equipped with an ultra-wide-angle lens with a 111° field of view



Stand-alone (Desktop) Style



Suspended (Hanging) Style

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.

* Abbreviation of Power over Ethernet.

4K Integrated Camera
AW-UE4WG
AW-UE4KG



High-Quality 4K/30p Video Output

Supports 3840x2160/30p 4K video output and a variety of other formats for use in a wide range of environments.

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

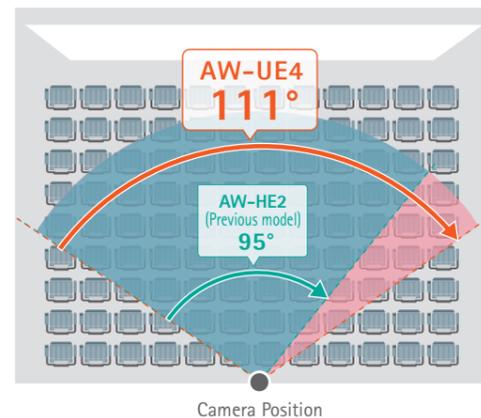
Output format

4K	2160/30p, 2160/29.97p, 2160/25p
HD	1080/60p, 1080/59.94p, 1080/50p, 1080/30p, 1080/29.97p, 1080/25p
	720/60p, 720/59.94p, 720/50p

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.

The 111° Field of View

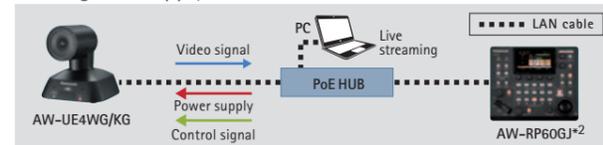


Camera Position

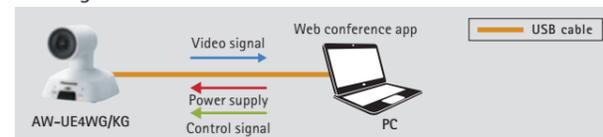
Single Cable Solution

In addition to PoE*1 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

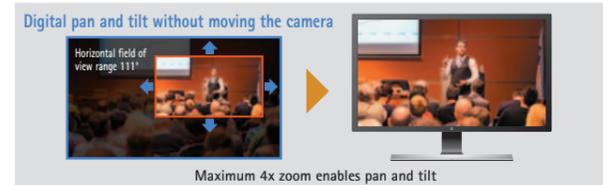


*1: Abbreviation of Power over Ethernet.

*2: AW-RP60GJ connection support planned for the future. See the Panasonic website (<https://pro-av.panasonic.net/en/products/aw-rp60gj/>) for more details. Use may require a software version update.

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.



Maximum 4x zoom enables pan and tilt

* Images are simulated.

RTMP/RTMPS*1

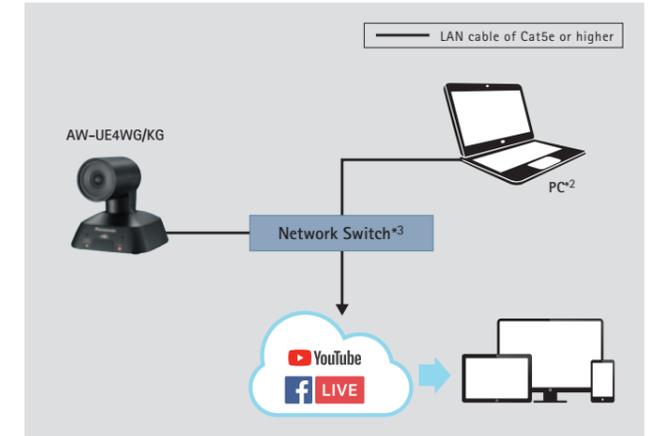
Supports RTMP/RTMPS*1 for direct upload and streaming of video on services such as YouTube Live or Facebook Live. Video can be uploaded and streamed directly from the camera to live streaming services.

*1: RTMP: Real-Time Messaging Protocol, RTMPS: Real-Time Messaging Protocol Secure.
*2: A computer is required for connection to the streaming server.
*3: PoE support.



* Images are simulated.

RTMP/RTMPS Connection



Specifications

As of November, 2019

[General]

Power Requirements:	DC 5 V±5 % (4.75 V to 5.25 V)
PoE:	IEEE802.3af standard: DC37 V to 57 V (camera)
Current Consumption:	1.0A (USB input), 0.2A (PoE power supply)
Ambient Operating Temperature:	0 °C to 40 °C (32 °F to 104 °F)
Ambient Operating Humidity:	20 % to 90 % (no condensation)
Storage Temperature:	-20 °C to 50 °C (-4 °F to 122 °F)
Weight:	Approx. 0.5 kg (1.1 lb) (excluding mount bracket)
Dimensions (W x H x D):	123 mm x 131 mm x 139 mm (4-53/64 inches x 5-5/32 inches x 5-29/64 inches) (excluding protrusions, mount bracket)
Finish:	AW-UE4WG: White AW-UE4KG: Black
Controller Supported:	AW-RP60GJ*1, AW-RM50G

[Camera Unit]

Imaging Sensors:	1/2.5-type MOS
Lens:	F2.4 (f=2.21 mm, 35 mm conversion: 13.4 mm)
Digital Zoom:	4x
Field 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°
Focus:	Single focus
Focus Distance:	700 mm
Minimum Illumination:	4 lx (conditions: 50 IRE, gain 42 dB, shutter speed 1/60)
Horizontal Resolution:	HDMI output: 4K format: 1,400 TV typ (center area) HDMI output: HD format: 900 TV typ (center area)
Digital Pan and Tilt:	2x digital zoom: Pan approx. ± 34°, tilt approx. ± 21° 4x digital zoom: Pan approx. ± 45°, tilt approx. ± 30°
Angle:	
Gain selection:	Auto, 0 to 42 dB* Can be set in 3 dB increments
Electronic Shutter Speed:	<ul style="list-style-type: none"> Full Auto Mode with Slow Shutter On / Shutter Priority Mode / Manual 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]
White Balance:	ATW, AWB A, AWB B, 3200 K, 5600 K
Chroma Amount Variability:	11 steps (0 to 10)

[Internal Mic]

Internal Mic:	Stereo microphone
Audio On/Off:	Available (mute function)
ALC Function:	Available

[Output]

HDMI*3*4:	HDMI connector, 4:4/8 bit
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● For PC operating and communication environments, see Service and Support on the Panasonic website, <https://pro-av.panasonic.net/en/>

*1: AW-RP60GJ connection support planned for the future. See the Panasonic website (<https://pro-av.panasonic.net/en/products/aw-rp60gj/>) 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: Excluding 3840 x 2160. *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.

[Input/Output]

LAN:	LAN terminal for IP control (RJ-45)
USB:	Type-C terminal

[USB Web Camera Unit]

Video Output:	USB Video Class Ver1.1
Video Compression Format:	YUV, MJPEG
Resolution:	YUV 640 x 360 MJPEG 3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360
Frame Rate:	YUV [60 Hz/59.94 Hz]:15fps [50 Hz]:10fps MJPEG [60 Hz/59.94 Hz]:30fps*5/15fps*5/5fps [50 Hz]:25fps*5/10fps*5/5fps
Audio Output:	USB Audio Class Ver1.0
Audio Compression Format:	Linear PCM, 48 kHz/16 bit/2 ch

[IP Streaming]

Video Compression Format:	MJPEG (HTTP), H.264 (RTSP/RTMP/RTMPS), H.265 (RTSP)
Resolution:	MJPEG 1280 x 720, 640 x 360 H.264/H.265 3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360
Frame Rate:	MJPEG Max. 30fps (25fps)*6 H.264 [60 Hz/59.94 Hz]:5fps/15fps/30fps/60fps (4K up to 30fps) [50 Hz]:5fps/10fps/25fps/50fps (4K up to 25fps) H.265 [60 Hz/59.94 Hz]:5fps/15fps/30fps/60fps (4K up to 30fps) [50 Hz]:5fps/10fps/25fps/50fps (4K up to 25fps)
Streaming Bitrate:	MJPEG Not specified*6 H.264/H.265 1024kbps to 32768kbps
Audio Compression Format:	AAC-LC, 48 kHz/16 bit/2 ch
Supported Protocol:	IPV4 TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTMP/RTCP, DHCP, DNS, ICMP, ARP, RTMP, RTMPS IPV6 TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTMP/RTCP, DNS, ICMPv6

[Pan-tilt Unit]

Installation Method:	Stand-alone (Desktop) or suspended (Hanging)*7
Panning Range:	±110° (manual)
Tilting Range:	±25° (manual)

[Camera Control]

IP Connecting Cable:	<ul style="list-style-type: none"> 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)
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[Standard Accessories]

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