

[General]

Power Requirements:	DC 5 V \pm 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 (central area)
Digital Pan and Tilt Angle:	2x digital zoom: Pan approx. \pm 34°, tilt approx. \pm 21° 4x digital zoom: Pan approx. \pm 45°, tilt approx. \pm 30°
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, 4:4:4/8 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, RTP/RTCP, DHCP, DNS, ICMP, ARP, RTMP, RTMPS IPv6 TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/RTCP, DNS, ICMPv6

[Pan-tilt Unit]

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

[Cameral 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