

# Professionelle PTZ-Kamera mit 4K 50p

**AW-UE150**

Neue PTZ-Klasse mit 4K 50p für neue Möglichkeiten in der Videoproduktion



## KEY FEATURES

- Die erste integrierte PTZ-Kamera mit 4K 50p
- 75,1° horizontaler Bildwinkel (unübertroffen in dieser Klasse)
- Verschiedene 4K-Schnittstellen (12G-SDI, HDMI, Glasfaser, IP)
- 20-fach optischer Zoom + iZoom
- Gleichzeitige Ausgabe 4K/HD

Die AW-UE150 ergänzt das bestehende Sortiment der PTZ-Kameras von Panasonic um eine weitere professionelle Kamera mit 1.0-Typ großem MOS-Sensor. Diese PTZ-Kamera der nächsten Generation unterstützt hohe Videoqualität (4K, 50p\*1), einen Bildwinkel von 75,1°, 20-fach optischen Zoom und vielfältige Ausgabeoptionen von 12G-SDI und HDMI bis hin zu Glasfaser und IP. Dank gleichzeitigem 4K/HD-Betrieb ist die leistungsstarke Kamera eine ideale Lösung für zukunftsorientierte Anwender.

AW-UE150 garantiert hochwertige Videoproduktion in Stadien, Hörsälen und vielen weiteren Anwendungsbereichen. Durch erstklassige, störungsfreie

Videoqualität mit 4K 50p\*1, Zoom mit starker Vergrößerung und weiterem Bildwinkel, erweitert die AW-UE150 das Anwendungsspektrum der PTZ-Kameras. Sie unterstützt verschiedene Schnittstellen und gleichzeitigen den 4K/HD-Betrieb und ermöglicht damit flexible, zukunftssichere Produktionssysteme.



## SPECIFICATIONS

<b>Power Requirements</b>	12 V DC (10.8 V to 13.2 V)
<b>PoE++</b>	IEEE802.3bt standard: DC 42 V to 57 V (Camera Input)
<b>Current Consumption</b>	4.0 A (XLR IN connector), 1.2 A (PoE++ power supply)
<b>Ambient Operating Temperature</b>	0 °C to 40 °C (32 °F to 104 °F)
<b>Ambient Operating Humidity</b>	20 % to 90 % (no condensation)
<b>Storage Temperature</b>	-20 °C to 50 °C (-4 °F to 122 °F)
<b>Mass</b>	Approx. 4.2 kg (9.24 lb) (excluding mount bracket)
<b>Dimensions (W x H x D) (mm)</b>	213 mm x 267 mm x 219 mm (excluding protrusions, direct ceiling mount bracket)
<b>Dimensions (W x H x D) (inch)</b>	8-3/8 inches x 10-1/2 inches x 8-5/8 inches (excluding protrusions, direct ceiling mount bracket)
<b>Finish</b>	AW-UE150WP/AW-UE150WE: Pearl white AW-UE150KP/AW-UE150KE: Black
<b>Controller Supported*1</b>	AW-RP150GJ
<b>Imaging Sensors</b>	1-type 4K MOSx1
<b>Lens</b>	Motorized Optical 20x zoom, F2.8 to F4.5 [f=8.8 mm (11/32 inches) to 176.0 mm (6-15/16 inches); 35 mm (1-3/8 inches) equivalent: 24.5 mm (31/32 inches) to 490.0 mm (19-9/32 inches)]
<b>Zoom</b>	?Optical zoom: 20x ?i.Zoom: UHD 24x, FHD 32x ?Digital zoom: 10x
<b>Conversion Lens</b>	Not supported
<b>Angle of View Range</b>	Horizontal angle of view: 75.1° (wide) to 4.0° (tele) Vertical angle of view: 46.7° (wide) to 2.3° (tele) Diagonal angle of view: 82.8° (wide) to 4.6° (tele)
<b>Optical Filter</b>	Through, 1/4, 1/16, 1/64, IR through (IR through is used as "Night mode")
<b>Focus</b>	Switching between auto and manual
<b>Focus Distance</b>	Entire zooming range: 1000 mm (3.3 ft) Wide end: 100 mm (0.33 ft)
<b>Color Separation Optical System</b>	1MOS
<b>Standard Sensitivity</b>	F9, 2000 lx (When normal mode is selected)
<b>Minimum Illumination</b>	2 lx (F2.8, 59.94p, 50IRE, 42 dB, without accumulation)
<b>S/N</b>	60 dB or more
<b>Horizontal Resolution</b>	1600 TV lines Typ (Center area)
<b>Gain Selection</b>	Auto, 0 dB to 36 dB*2 Super Gain function equipped : +37 dB to 42 dB
<b>Frame Mix*3</b>	0 dB, 6 dB, 12 dB, 18 dB, 24 dB
<b>Electronic Shutter Speed</b>	59.94p/59.94i 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000  29.97p 1/30, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000  23.98p/24p

	<p>1/24, 1/48, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000</p> <p>50p/50i 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000</p> <p>25p 1/25, 1/50, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000</p>
<b>Syncro Scan</b>	<p>59.94p/59.94i : 60.00 Hz to 7200 Hz 29.97p : 30.00 Hz to 7200 Hz 23.98p/24p : 24.00 Hz to 7200 Hz 50p/50i : 50.00 Hz to 7200 Hz 25p : 25.00 Hz to 7200 Hz</p>
<b>Gamma</b>	HD / FILMLIKE1 / FILMLIKE2 / FILMLIKE3/ FILM REC / VIDEO REC / HLG
<b>White Balance</b>	<p>ATW : 3200K, 5600K ATW Speed : Normal / Slow / Fast AWB : AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value)</p>
<b>Chroma Amount Variability</b>	OFF, -99 % to 99 %
<b>Scene File</b>	Scene1, Scene2, Scene3, Scene4
<b>Output Format</b>	<p>4K 2160/59.94p, 2160/50p, 2160/29.97p*4, 2160/25p*4, 2160/24p*4, 2160/23.98p*4</p> <p>HD 1080/59.94p, 1080/50p, 1080/29.97p*4, 1080/29.97PsF, 1080/25p*4, 1080/25PsF, 1080/23.98p*5, 1080/24p*4, 1080/23.98p*4, 1080/23.98PsF, 1080/59.94i, 1080/50i, 720/59.94p, 720/50p</p>
	Internal / External synchronization (BBS / Tri-level sync)
<b>Input Connector</b>	<p>DC 12 V IN, G/L IN (BNC) ?BBS (Black Burst Sync), tri-level sync supported</p>
<b>Video Output</b>	<p>HDMI HDMI 2.0 standard 4:2:2/10bit ?HDCP is not supported. ?Viera Link is not supported.</p> <p>12G-SDI OUT SMPTE 2082-1 standard / 75 ? (BNC x 1)</p> <p>3G-SDI OUT SMPTE292 / 75 ? (BNC x 1) ?Level-A/Level-B supported</p> <p>MONI OUT SMPTE292 / 75 ? (BNC x 1)</p> <p>Optical Fiber SFP+ standard Single Fiber ?The signal sent is the same as 12G-SDI OUT. ?This unit does not support input by optical signals.</p>
<b>Input / Output Connector</b>	<p>LAN LAN connector for IP control (RJ-45)</p> <p>RS-422 CONTROL IN RS-422A (RJ-45)</p> <p>MIC/LINE input ?3.5 mm stereo mini jack Input impedance: High impedance ?During MIC input Supported mic: Stereo mic (plug-in power, on/off switching via menu) Supply voltage: 2.5 V ± 0.5 V Mic input sensitivity: Approx. -40 dBV ± 3 dBV (0 dB=1 V/Pa, 1 kHz) ?During LINE input Input level: Approx. -10 dBV ±3 dBV</p>
<b>Camera/Pan-Tilt Head Control</b>	<p>IP connecting cable ?LAN cable*6*7 : (category 5e or above, straight cable / crossover cable) max. 100 m (328 ft)</p> <p>AW protocol connecting cable LAN cable*6 (category 5e or above, straight cable)</p>

	max. 1000 m (3280 ft)
<b>Installation Method</b>	Stand-alone (Desktop) or suspended (Hanging)*8
<b>Pan/Tilt Operation Speed</b>	Minimum speed 0.08°/s Maximum speed 60°/s or higher*9 ?Maximum speed is 180°/s in high-speed mode
<b>Panning Range</b>	±175°
<b>Tilting Range</b>	-30° to 210°*10
<b>Quietness</b>	NC35 or less
<b>Supported operating systems and web browsers</b>	Windows Microsoft(R) Windows(R) 7, 10 Windows(R) Internet Explorer(R) 11 (64-bit/32-bit) Microsoft Edge Google Chrome  Mac Mac OS 10.13, Mac OS 10.12, Mac OS 10.11, Safari 11, Google Chrome  iPhone / iPad iOS 11.4.1 Google Chrome
<b>Image Streaming Mode</b>	JPEG (MJPEG), H.264, H.265
<b>Image Resolution</b>	3840x2160, 1920x1080, 1280x720, 640x360, 320x180
<b>Image Transmission setting (JPEG)</b>	Frame Rate: Maximum 30 fps Image quality (Fine / Normal)
<b>Image Transmission Setting (H.264)</b>	?Frame Rate [60Hz] 5fps/15fps/30fps/60fps (UHD: 30fps, 60fps) [50Hz] 5fps/12.5fps/25fps/50fps (UHD: 25fps, 50fps) ?Max Bit Rate HD : 512kbps/768kbps/1024kbps/1536kbps/2048kbps/3072kbps/4096kbps/6144kbps/8192kbps/10240kbps/12288kbps/14336kbps/16384kbps/20480kbps/24576kbps/32768kbps/40960kbps/51200kbps/76800kbps UHD : 12800kbps/25600kbps/51700kbps/76800kbps
<b>Image Transmission Setting (H.265)</b>	?Image Transmission Type: Unicast port (AUTO) Unicast port (MANUAL) Multicast port ?Frame Rate [60Hz] 30fps [50Hz] 25fps ?Max Bit Rate 8192kbps/12800kbps/25600kbps/51200kbps/76800kbps
<b>Audio Compression Type</b>	AAC-LC, 48 kHz / 16 bit / 2ch
<b>Supported Protocol</b>	?IPv6 : TCP / IP, UDP / IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTP, MLD, ICMP, ARP, RTMP ?IPv4 : TCP / IP, UDP / IP, HTTP, HTTPS, RTSP, RTP / RTCP, DHCP, DNS, DDNS, NTP, UPnP, IGMP, ICMP, ARP, RTMP
<b>NDI support*12</b>	NDI   HX
<b>Tally LED display color</b>	red / green
<b>Note</b>	*1: AW-RP50, AW-RP120G, AK-HRP1000GJ and AK-HRP1005GJ connection with the AW-UE150W/K is planned for future support. Contact your sales representative for further information on when support will be available for this feature. Use may require a software version update. *2: 1 dB step increments can be set. *3: This cannot be configured when the format is 2160/29.97p, 2160/23.98p, 2160/24p, 2160/25p, 1080/29.97p, 1080/23.98p(59.94i), 1080/29.97PsF, 1080/23.98PsF, 1080/25p, 1080/25PsF. *4: Native output. *5: It denotes "1080/23.98p over 59.94i". *6: Use of an STP (shielded twisted pair) cable is recommended. *7: Category 6 or more is used when sending 4K images. *8: To ensure safety, the unit must be secured using the mount bracket supplied. *9: Quietness, stationary accuracy, etc., in high-speed mode may vary from normal mode. *10: Depending on the pan or tilt position, the camera may be reflected in the image. *11: Supported OS indicated are for browsers current as of October 2018. See Service and Support on the Panasonic website ( <a href="https://pro-av.panasonic.net/en/">https://pro-av.panasonic.net/en/</a> ) for the latest information on browser support. *12: Contact your local Panasonic vendor for further information.

URL: <https://business.panasonic.de/professional-kamera/ptz-aw-ue150>

## CONTACT

Web: <https://business.panasonic.de/professional-kamera/contact-us>