



**Una nueva clase de cámara PTZ con 4K 50p que abre nuevas posibilidades en la producción audiovisual.**

## **AW-UE150**

La AW-UE150 será la última incorporación a la completa gama de cámaras PTZ profesionales de Panasonic. Con un sensor MOS de tipo 1, esta cámara PTZ de última generación es compatible con vídeo 4K 50p de alta calidad, cuenta con un ángulo de visualización de 75,1 grados, zoom óptico de 20x y es compatible con salidas versátiles, que incluyen 12G-SDI, HDMI, fibra óptica e IP. El funcionamiento simultáneo en 4K/HD convierte a esta cámara PTZ en ideal para todos aquellos que buscan un sistema pensado para el futuro.

### **Key Features**

Primera cámara PTZ integrada 4K 50p

Ángulo de visualización horizontal de 75,1° (el más amplio de su categoría)

Varias interfaces 4K (12G-SDI, HDMI, fibra óptica, IP)

Zoom óptico de 20x + iZoom

Salida simultánea 4K/HD





## AW-UE150

<https://latam.connect.panasonic.com/bo/es/products/broadcast-proav/aw-ue150>

<b>General</b>	
<b>Power</b>	12 V DC (10.8 V to 13.2 V)
<b>Requirements</b>	
<b>PoE+</b>	IEEE802.3bt standard: DC 42 V to 57 V (Camera Input)
<b>Current</b>	4.0 A (XLR IN connector), 1.2 A (PoE+ power supply)
<b>Consumption</b>	
<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</b>	AW-RP150GJ
<b>Supported*1</b>	
<b>Camera Unit</b>	
<b>Imaging Sensors</b>	1-type 4K MOS*1
<b>Lens</b>	Motorized Optical 20x zoom, F2.8 to F4.5 [f=8.8 mm (1 1/32 inches) to 176.0 mm (6-15 1/16 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</b>	1MOS
<b>Optical System</b>	
<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 1/24, 1/48, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000
	50p/50i 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000
	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
<b>Syncro Scan</b>	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
<b>Gamma</b>	HD / FILMLIKE1 / FILMLIKE2 / FILMLIKE3 / FILM REC / VIDEO REC / HLG
<b>White Balance</b>	ATW: 3200K, 5600K ATWSpeed: Normal / Slow / Fast AWB: AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value)
<b>Chroma Amount Variability</b>	OFF, -99 % to 99 %
<b>Scene File</b>	Scene1, Scene2, Scene3, Scene4
<b>Output Format</b>	4K 2160/59.94p, 2160/50p, 2160/29.97p*4, 2160/25p*4, 2160/24p*4, 2160/23.98p*4 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
<b>Synchronization System</b>	Internal / External synchronization (BBS / Tri-level sync)
<b>Input</b>	

<b>Input Connector</b>	DC 12 V IN, G/L IN (BNC)
<b>Output</b>	<ul style="list-style-type: none"> <li>• BBS (Black Burst Sync), tri-level sync supported</li> </ul>
<b>Video Output</b>	<p>HDMI</p> <p>HDMI 2.0 standard</p> <p>4:2:2/10bit</p> <ul style="list-style-type: none"> <li>• HDCP is not supported.</li> <li>• Viera Link is not supported.</li> </ul> <p>12G-SDI OUT</p> <p>SMPTE 2082-1 standard / 75 Ω (BNC x 1)</p> <p>3G-SDI OUT</p> <p>SMPTE292 / 75 Ω (BNC x 1)</p> <ul style="list-style-type: none"> <li>• Level-A/Level-B supported</li> </ul> <p>MONI OUT</p> <p>SMPTE292 / 75 Ω (BNC x 1)</p> <p>Optical Fiber</p> <p>SFP+ standard</p> <p>Single Fiber</p> <ul style="list-style-type: none"> <li>• The signal sent is the same as 12G-SDI OUT.</li> <li>• This unit does not support input by optical signals.</li> </ul>
<b>Input/Output Connector</b>	<p>LAN</p> <p>LAN connector for IP control (RJ-45)</p> <p>RS-422</p> <p>CONTROL IN RS-422A (RJ-45)</p> <p>MIC/LINE input</p> <p>φ3.5 mm stereo mini jack</p> <p>Input impedance: High impedance</p> <ul style="list-style-type: none"> <li>• During MIC input</li> </ul> <p>Supported mic: Stereo mic (plug-in power, on/off switching via menu)</p> <p>Supply voltage: 2.5 V ± 0.5 V</p> <p>Mic input sensitivity: Approx. -40 dBV ± 3 dBV</p> <p>(0 dB=1 V/Pa, 1 kHz)</p> <ul style="list-style-type: none"> <li>• During LINE input</li> </ul> <p>Input level: Approx. -10 dBV ± 3 dBV</p>
<b>Pan-Tilt Head Unit</b>	
<b>Camera/Pan-Tilt Head Control</b>	<p>IP connecting cable</p> <ul style="list-style-type: none"> <li>• LAN cable*6*7 : (category 5e or above, straight cable / crossover cable)</li> </ul> <p>max. 100 m (328 ft)</p> <p>AW protocol connecting cable</p> <p>LAN cable*6 (category 5e or above, straight cable)</p> <p>max. 1000 m (3280 ft)</p>
<b>Installation Method</b>	Stand-alone (Desktop) or suspended (Hanging)*8
<b>Pan/Tilt Operation Speed</b>	<p>Minimum speed 0.08*/s</p> <p>Maximum speed 60*/s or higher*9</p> <ul style="list-style-type: none"> <li>• Maximum speed is 180*/s in high-speed mode</li> </ul>
<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*11</b>	<p>Windows</p> <p>Microsoft(R) Windows(R) 7, 10</p> <p>Windows(R) Internet Explorer(R) 11 (64-bit/32-bit)</p> <p>Microsoft Edge</p> <p>Google Chrome</p> <p>Mac</p> <p>Mac OS 10.13, Mac OS 10.12, Mac OS 10.11, Safari 11, Google Chrome</p> <p>iPhone / iPad iOS 11.4.1</p> <p>Google Chrome</p>
<b>IP Streaming</b>	
<b>Image Streaming Mode</b>	JPEG (MJPEG), H.264, H.265
<b>Image Resolution</b>	3840×2160, 1920×1080, 1280×720, 640×360, 320×180
<b>Image Transmission setting (JPEG)</b>	<p>Frame Rate: Maximum 30 fps</p> <p>Image quality (Fine / Normal)</p>
<b>Image Transmission Setting (H.264)</b>	<p>■ Frame Rate</p> <p>[60Hz]</p> <p>5fps/15fps/30fps/60fps (UHD: 30fps, 60fps)</p> <p>[50Hz]</p> <p>5fps/12.5fps/25fps/50fps (UHD: 25fps, 50fps)</p> <p>■ Max Bit Rate</p> <p>HD :</p> <p>512kbps/768kbps/1024kbps/1536kbps/2048kbps/3072kbps/4096kbps/6144kbps/8192kbps/10240kbps/12288kbps/14336kbps/16384kbps/20480kbps/24576kbps/32768kbps/40960kbps/51200kbps/76800kbps</p> <p>UHD : 12800kbps/25600kbps/51700kbps/76800kbps</p>

<b>Image Transmission Setting (H.265)</b>	<ul style="list-style-type: none"> <li>■ Image Transmission Type: <ul style="list-style-type: none"> <li>Unicast port (AUTO)</li> <li>Unicast port (MANUAL)</li> <li>Multicast port</li> </ul> </li> <li>■ Frame Rate <ul style="list-style-type: none"> <li>[60Hz] 30fps</li> <li>[50Hz] 25fps</li> </ul> </li> <li>■ Max Bit Rate <ul style="list-style-type: none"> <li>8192kbps/12800kbps/25600kbps/51200kbps/76800kbps</li> </ul> </li> </ul>
<b>Audio Compression Type</b>	AAC-LC, 48 kHz / 16 bit / 2ch
<b>Supported Protocol</b>	<ul style="list-style-type: none"> <li>■ IPv6 : TCP / IP, UDP / IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTP, MLD, ICMP, ARP, RTMP</li> <li>■ IPv4 : TCP / IP, UDP / IP, HTTP, HTTPS, RTSP, RTP / RTCP, DHCP, DNS, DDNS, NTP, UPnP, IGMP, ICMP, ARP, RTMP</li> </ul>
<b>Tally LED display color</b>	red / green
<b>Note</b>	<p>*1: AW-RP50, AW-RP120G, AK-HRP1000G and AK-HRP1005G 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 59.94". *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: NDI® is a registered trademark of Vizrt NDI AB in the United States and other countries. *13: Contact your local Panasonic vendor for further information.</p> <p>NDI®*12 HX</p>