



**Planned for launch in the second quarter of 2026.**

## AW-UE5

An ultra-wide 121° 4K camera with NDI® HX<sup>2</sup> support, featuring group framing that automatically adjusts the view to improve operational efficiency. The compact 4K Integrated camera featuring an ultra-wide 121° horizontal angle 4K lens, and its AI-powered auto group framing function adjusts the framing based on the situation without requiring detailed operation by the operator. Supporting both PoE<sup>1</sup> and NDI® HX for high-quality IP video transmission, the camera is well suited for corporate and educational use, remote learning, live event streaming, and multi-camera production—enabling efficient operation with minimal staff and improved production efficiency. \*1 Abbreviation of Power over Ethernet. \*2 \* NDI® is a video connectivity technology and is registered as a trademark by Vizrt NDI AB in the United States and other countries.

### Key Features

Auto-framing function that automatically adjusts the angle of view using AI technology

Ultra-wide-angle 4K lens with a 121° field of view

Flexible Operation

## AW-UE5

<https://latam.connect.panasonic.com/co/en/products/projectors/aw-ue5>

|                                                                                  |                                                                                                                                                                                                                                                                                                 |
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| <b>General -&gt; Power Requirements</b>                                          | DC 5 V±5 % (4.75 V to 5.25 V)                                                                                                                                                                                                                                                                   |
| <b>General -&gt; PoE</b>                                                         | IEEE802.3at compliant: DC37 V to 57 V                                                                                                                                                                                                                                                           |
| <b>General -&gt; Current Consumption</b>                                         | 3.0A (USB input), 0.3A (PoE power supply)                                                                                                                                                                                                                                                       |
| <b>General -&gt; Ambient Operating Temperature</b>                               | 0 °C to 40 °C (32 °F to 104 °F)                                                                                                                                                                                                                                                                 |
| <b>General -&gt; Ambient Operating Humidity</b>                                  | 20 % to 90 % (no condensation)                                                                                                                                                                                                                                                                  |
| <b>General -&gt; Storage Temperature</b>                                         | -20 °C to 50 °C (-4 °F to 122 °F)                                                                                                                                                                                                                                                               |
| <b>General -&gt; Weight</b>                                                      | Approx. 0.5 kg (1.1 lb) (excluding mount bracket)                                                                                                                                                                                                                                               |
| <b>General -&gt; Dimensions</b>                                                  | W 123 mm x H 131 mm x D 139 mm (4-53/64 inches x 5-5/32 inches x 5-15/32 inches) (excluding protrusions, mount bracket)                                                                                                                                                                         |
| <b>General -&gt; Finish</b>                                                      | AW-UE5WG : White<br>AW-UE5KG : Black                                                                                                                                                                                                                                                            |
| <b>General -&gt; Controller Supported</b>                                        | AW-RP60*1, AW-RP150*1, AW-RP200*1, AW-RM50AG                                                                                                                                                                                                                                                    |
| <b>Camera Unit -&gt; Imaging Sensor</b>                                          | 1/2.8-type MOSx1                                                                                                                                                                                                                                                                                |
| <b>Camera Unit -&gt; Zoom</b>                                                    | Digital Zoom: Up to 5x                                                                                                                                                                                                                                                                          |
| <b>Camera Unit -&gt; Lens</b>                                                    | F2.45 (f=1.64 mm, 35mm conversion: 11.1 mm)                                                                                                                                                                                                                                                     |
| <b>Camera Unit -&gt; Angle of View Range</b>                                     | LDC Off: Horizontal field of view 121.8°, vertical field of view 87.8°, diagonal field of view 129.5°                                                                                                                                                                                           |
| <b>Camera Unit -&gt; Focus</b>                                                   | Single focus                                                                                                                                                                                                                                                                                    |
| <b>Camera Unit -&gt; Focus Distance</b>                                          | 300mm (0.98ft)                                                                                                                                                                                                                                                                                  |
| <b>Camera Unit -&gt; Horizontal Resolution</b>                                   | 1,400 TV typ (HDMI Output, center area)<br>> 4K                                                                                                                                                                                                                                                 |
| <b>Camera Unit -&gt; Horizontal Resolution</b>                                   | 900 TV typ (HDMI Output, center area)<br>> HD                                                                                                                                                                                                                                                   |
| <b>Camera Unit -&gt; Gain Selection</b>                                          | Auto, 0 to 42 dB Can be set in 3 dB increments                                                                                                                                                                                                                                                  |
| <b>Camera Unit -&gt; Electronic Shutter Speed -&gt; FullAuto</b>                 | Full Auto Mode with Slow Shutter On / Shutter Priority Mode<br>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 [60Hz/59.94Hz]<br>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 [50Hz] |
| <b>Camera Unit -&gt; Electronic Shutter Speed -&gt; Auto</b>                     | Full Auto Mode with Slow Shutter Off<br>1/60, 1/120, 1/240, 1/480, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 [60Hz/59.94Hz]<br>1/50, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 [50Hz]                                                                                          |
| <b>Camera Unit -&gt; Electronic Shutter Speed -&gt; Manual</b>                   | 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 [60Hz/59.94Hz]<br>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 [50Hz]                                                                |
| <b>Camera Unit -&gt; White Balance</b>                                           | ATW, AWB A, AWB B, 3200K, 5600K                                                                                                                                                                                                                                                                 |
| <b>Camera Unit -&gt; Chroma Amount Variability</b>                               | 11 steps (0 to 10)                                                                                                                                                                                                                                                                              |
| <b>Camera Unit -&gt; Color Bar</b>                                               | [60Hz/59.94Hz] : SMPTE<br>[50Hz] : FULL                                                                                                                                                                                                                                                         |
| <b>Camera Unit -&gt; Output Format (HDMI) -&gt; 4K</b>                           | 2160/60p*2, 2160/59.94p*2, 2160/50p*2, 2160/30p*3, 2160/29.97p*3, 2160/25p*3                                                                                                                                                                                                                    |
| <b>Camera Unit -&gt; Output Format (HDMI) -&gt; HD</b>                           | 1080/60p*3, 1080/59.94p*3, 1080/50p*3<br>1080/30p*3, 1080/29.97p*3, 1080/25p*3<br>720/60p*3, 720/59.94p*3, 720/50p*3                                                                                                                                                                            |
| <b>Output Connector -&gt; HDMI</b>                                               | HDMI Connector<br>• HDCP is not supported.<br>• Viera Link is not supported.                                                                                                                                                                                                                    |
| <b>Input/Output Connector -&gt; LAN</b>                                          | LAN terminal for IP control (RJ-45)                                                                                                                                                                                                                                                             |
| <b>Input/Output Connector -&gt; USB</b>                                          | Type-C connector                                                                                                                                                                                                                                                                                |
| <b>Pan-tilt Head Unit -&gt; IP connecting cable</b>                              | • When a PoE ethernet hub is used: LAN cable*4(category 5e or above), max. 100 m (328 ft)<br>• When a PoE ethernet hub is not used: LAN cable*4(category 5 or above), max.100 m (328 ft)                                                                                                        |
| <b>Pan-tilt Head Unit -&gt; Installation Method *4</b>                           | Stand-alone (Desktop) or suspended (Hanging)*5                                                                                                                                                                                                                                                  |
| <b>Pan-tilt Head Unit -&gt; Panning Range</b>                                    | ±110° (manual)                                                                                                                                                                                                                                                                                  |
| <b>Pan-tilt Head Unit -&gt; Tilting range</b>                                    | ±25° (manual)                                                                                                                                                                                                                                                                                   |
| <b>Supported Operating Systems and Web Browsers -&gt; Windows *6</b>             | Windows 11<br>Microsoft Edge<br>Chrome                                                                                                                                                                                                                                                          |
| <b>Supported Operating Systems and Web Browsers -&gt; Mac *6</b>                 | macOS 15<br>macOS 14<br>macOS 13<br>Safari<br>Chrome                                                                                                                                                                                                                                            |
| <b>IP Streaming -&gt; Image Streaming Mode</b>                                   | MJPEG (HTTP), H.264 (RTSP/RTMP/RTMPS), H.265 (RTSP), NDI® HX*6                                                                                                                                                                                                                                  |
| <b>IP Streaming -&gt; Image Resolution</b>                                       | [MJPEG]<br>1280x720<br>[H.264/H.265]<br>3840x2160, 1920x1080, 1280x720, 640x360                                                                                                                                                                                                                 |
| <b>IP Streaming -&gt; Image Transmission Setting (MJPEG) -&gt; Frame Rate *7</b> | [60Hz/59.94Hz]Maximum 30fps<br>[50Hz]Maximum 25fps                                                                                                                                                                                                                                              |
| <b>IP Streaming -&gt; Image Transmission Setting (H.264) -&gt; Frame Rate</b>    | [60Hz/59.94Hz]30fps/60fps<br>[50Hz]25fps/50fps                                                                                                                                                                                                                                                  |

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| <b>IP Streaming -&gt; Image Transmission Setting (H.265) -&gt; Frame Rate</b> | [60Hz/59.94Hz]30fps/60fps<br>[50Hz]25fps/50fps                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>IP Streaming -&gt; Audio Compression Format</b>                            | AAC-LC, 48 kHz / 16 bit / 2ch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>USB web camera -&gt; Image output</b>                                      | USBVideoClassVer1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>USB web camera -&gt; Image output type</b>                                 | YUV、MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>USB web camera -&gt; Image resolution -&gt; YUV</b>                        | 1280x720, 640x360                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>USB web camera -&gt; Image resolution -&gt; MJPEG</b>                      | 3840x2160, 1920x1080 , 1280x720 , 640x360                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>USB web camera -&gt; Audio Output</b>                                      | USB Audio Class Ver1.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>USB web camera -&gt; Audio Compression Format</b>                          | Linear PCM, 48KHz/16bit/2ch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Internal Mic -&gt; Internal Mic</b>                                        | Stereo microphone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Internal Mic -&gt; Audio On/Off</b>                                        | Available (mute function)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Internal Mic -&gt; ALC Function</b>                                        | Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Footnote Description</b>                                                   | <ol style="list-style-type: none"> <li>1. Future support planned</li> <li>2. Only available when Priority mode is 4K High Frame Rate</li> <li>3. Only available when Priority mode is ePTZ/AI</li> <li>4. Use of an STP (shielded twisted pair) cable is recommended.</li> <li>5. To ensure safety, the unit must be secured using the mount bracket supplied.</li> <li>6. NDI® is a video connectivity technology and is registered as a trademark by Vizrt NDI AB in the United States and other countries.</li> </ol> |