



**Erste NDI\*2- und SRT\*3-kompatible 4K 60p/50p\*1  
PTZ-Kamera weltweit**

## AW-UE100

Die integrierte Kamera AW-UE100 mit Schwenk-/Neige-/Zoomfunktion unterstützt eine Vielzahl an IP-Übertragungslösungen wie NDI\*2 für hohe Bandbreite sowie NDI|HX und Secure Reliable Transport (SRT)\*3 für hohe Effizienz.

### Key Features

Unterstützt eine Vielzahl an IP-Übertragungslösungen wie NDI\*2, NDI|HX\*5 und SRT\*3

Unterstützt 4K 60p/50p\*1-Aufnahmen mit 12G SDI-Ausgabe

Verfügt über Weitwinkelobjektiv mit einem Betrachtungswinkel von 74,1 Grad und 24-fachem Zoom

Unterstützt Freed\*7 zum Einrichten von AR/VR-Systemen

Nutzt neue mechanische Schwenk-/Neigefunktion für verbesserte Reaktionsfähigkeit und Laufruhe





## AW-UE100

<https://eu.connect.panasonic.com/ch/de/products/broadcast-proav/aw-ue100>

|                                 |   |
|---------------------------------|---|
| <b>General</b>                  |   |
| <b>Power Requirements</b>       | Main unit: DC 12 V±10% (10.8 V to 13.2 V), AC adaptor: AC 100 V to 240 V  |
| <b>PoE++</b>                    | Complies with IEEE802.3bt: DC 42 V to 57 V (camera end) (supports software authentication (LLDP communication))   |
| <b>Current Consumption</b>      | Main unit: 3.0 A (DC jack input), 1.2 A (PoE++ power supply), AC adaptor (included): 3.0 A  |
| <b>Gewicht</b>                  | Approx. 2.2 kg (4.85lbs) (excluding cable cover, direct ceiling mount bracket)  |
| <b>Dimensionen</b>              | Approx. 2.3 kg (5.07lbs) (excluding direct ceiling mount bracket)<br>169.2 mm x 170.6 mm x 204.6 mm (6.66 inches x 6.72 inches x 8.06 inches)<br>(excluding protrusions, cable cover, and direct ceiling mount bracket)   |
| <b>Camera Unit</b>              |   |
| <b>Bildsensor</b>               | 1/2.5-type 4K MOS x 1   |
| <b>Lens</b>                     | Electric powered 24x optical zoom F1.8 to F4.0 (f = 4.12 mm to 98.9 mm, converted to 35 mm: 25.0 mm to 600.0 mm)<br><br>i.Zoom (UHD: 28x, FHD: 36x) (*switches from optical 24x i.Zoom digital zoom)  |
| <b>Field of View Range</b>      | Horizontal field of view: 74.1° (wide) to 3.3° (tele), vertical field of view: 46.0° (wide) to 1.9° (tele),<br><br>diagonal field of view: 81.8° (wide) to 3.8° (tele)  |
| <b>Horizontal Resolution</b>    | 1,400 TV lines Typ (center area)  |
| <b>Output Formats</b>           | [4K formats] 2160/59.94p, 2160/50p, 2160/29.97p (native), 2160/25p (native), 2160/24p (native), 2160/23.98p (native)<br><br>[HD formats] 1080/59.94p, 1080/50p, 1080/29.97p (native), 1080/29.97PsF, 1080/25p (native), 1080/25PsF, 1080/23.98p over 59.94i, 1080/24p (native), 1080/23.98p (native), 1080/23.98PsF, 1080/59.94i, 1080/50i, 720/59.94p, 720/50p   |
| <b>Output</b>                   |   |
| <b>HDMI</b>                     | HDMI 2.0 connector<br><br>4:2:2/10 bit*3*4  |
| <b>12G-SDI OUT</b>              | SMPTE2082-1, SMPTE292 compliant/75 Ω (BNC x 1)*5  |
| <b>3G-SDI OUT</b>               | SMPTE292/75 Ω (BNC x 1)*5   |
| <b>Input/Output</b>             |   |
| <b>LAN</b>                      | LAN for IP control and video transmission/PoE++ terminal (RJ-45)  |
| <b>RS-422</b>                   | CONTROL IN RS422A (RJ-45)   |
| <b>MIC/Line Input</b>           | Supported (SDI/HDMI/IP), AAC compatible (IP only) O3.5 mm stereo mini jack<br><br>For mic input, input level: -40 dBV (0 dB = 1 V/Pa, 1 kHz) plug-in power compatible, supply voltage: 2.5 V ±0.5 V<br><br>For line input, input level: -10 dBV<br><br>Input volume variable range: -36 dB to 12 dB (3 dB step)<br><br>embedded audio output level: -12 dBFS<br><br>Sampling frequency: 48 kHz<br><br>Quantified bit count: 24bit (SDI, HDMI), 16bit (IP) |
| <b>Pan Tilt Head Unit</b>       |   |
| <b>Panning Range</b>            | ±175°   |
| <b>Tilting Range</b>            | -30° to 210°*6  |
| <b>IP Streaming</b>             |   |
| <b>Video Compression Format</b> | JPEG (MJPEG), H.264, H.265, NDI  HX, High bandwidth NDI   |
| <b>Auflösung</b>                | 3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360, 320 x 180  |
| <b>New Functions</b>            |   |
| <b>NDI Support</b>              | NDI, NDI  HX: Included as standard*7*8  |
| <b>Mechanical Pan/Tilt</b>      | Direct Drive system   |

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**Note**

\*Product specifications are subject to change without notice for reasons of improvement, etc.

\*3: HDCP not supported.

\*4: VIERA Link not supported.

\*5: Level-A/Level-B supported.

\*6: The main unit may appear in video, depending on the pan/tilt position.

\*7: High bandwidth NDI and high efficiency low bandwidth NDI|HX cannot be used simultaneously.

\*8: NDI: High bandwidth NDI, NDI|HX: High efficiency low bandwidth NDI|HX.

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