

Panasonic



Capture Every Moment and Convey Every Emotion

The AW-UE200 Series is a high-end PTZ camera that combines outstanding image quality with highly responsive PTZ performance.

Equipped with a 5K MOS sensor featuring a global shutter, it delivers highly detailed images with minimal distortion, while its high-speed, high-precision pan and tilt mechanism captures even the fastest movements with accuracy. From live events and sports broadcasts to studio productions, the AW-UE200 Series faithfully captures every moment and conveys the energy of the scene.

4K Integrated Camera

AW-UE200W Standard Model [Pearl White]

AW-UE200K Standard Model [Black]

AW-UE210W ST 2110/Dante® Model [Pearl White]

AW-UE210K ST 2110/Dante® Model [Black]

Available from February 2027



Global
Shutter

ST2110
12GSDI

SRTALLIANCE
SECURE RELIABLE TRANSPORT

NDI® High
Bandwidth
Supported

Capture every moment with precision and impact.

5K 1.2-type Global Shutter MOS Sensor

The AW-UE200/UE210 features the industry’s first* 1.2-type 5K MOS sensor with a global shutter in a PTZ camera. It delivers natural, low-distortion, low-flicker images for studio productions using LED walls, live events with dynamic lighting effects, and sports broadcasting.

* Among video-production PTZ cameras equipped with a MOS sensor of 1 inch or larger. As of September 2026, according to Panasonic research.

Newly Developed Ultra-Fast Zoom Lens with an 80° Wide Angle and 22x Optical Zoom

Supports 22x optical zoom* and variable zoom speeds ranging from an ultra-fast approximately 0.5 seconds from telephoto to wide to a maximum of 180 seconds, enabling smooth, expressive zooms tailored to each scene and creative intent. The approximately 80° horizontal viewing angle also provides wide coverage, making it easy to capture the entire scene in confined installation spaces.

*35 mm equivalent: f=22.5-500mm

Ultra-High-Speed PTZ Performance Support Operator Intentions

The AW-UE200/UE210 features an ultra-fast zoom lens and a high-precision pan/tilt mechanism that operates smoothly from low to ultra-high speeds.

Built-in Auto Framing Automatically Recreates Your Intended Composition

The built-in AI-based Auto Framing function automatically tracks subjects and maintains the desired composition with high precision, all within the camera itself. During operation, users can seamlessly switch between fully automatic and semi-automatic modes, allowing for fine composition adjustments and the flexibility to adapt to the needs of any production.

Seamless IP System Integration with SMPTE ST 2110 and Dante®*1 (AW-UE210 only)

The AW-UE210 supports SMPTE ST 2110 and Dante®. In addition to uncompressed 4K video output, SMPTE ST 2110 supports low-latency transmission using JPEG XS*2. The AW-UE210 also supports Dante® audio, providing flexible IP-based operation to suit a wide range of applications and system configurations.

*1: Dante® is a registered trademark of Audinate Pty Ltd. *2: Future support planned for the third quarter of CY2027.

Other Features

- High frame rate (HFR) recording at 120 fps and high-speed HD recording at 180 fps*
- Comprehensive Support for Standard Protocols: NDI® High Bandwidth, SRT, FreeD, OpenTrackIO

* Future support planned for the third quarter of CY2027.

Specifications (Preliminary)		AW-UE200W/AW-UE200K		AW-UE210W/AW-UE210K	
General					
Power Requirements		12 V DC ± 10% (10.8 V to 13.2 V)			
PoE++		IEEE802.3bt standard: DC 42 V to 57 V (Camera Input)		PoE++ (IEEE802.3bt standard: DC42~57 V): Primary PoE+ (IEEE802.3at standard: DC42~57 V): Secondary	
Current Consumption		less than 5.0A (DC IN), less than 1.5A (PoE++ power supply)		less than 5.0A (DC IN), less than1.5A (PoE++ power supply) less than 0.6A (PoE+)	
Mass		Approx.7.5 kg (16.53 lbs) (excluding mount bracket)			
Dimensions (W x H x D)		212 mm x 308 mm x 248 mm (8-3/8 inches x 12-1/8 inches x 9-3/4 inches) (excluding protrusions, ceiling mount bracket)			
Camera Unit					
Imaging Sensors		1.2-type Global Shutter 5K MOSx1			
Effective Pixels		Approx. 14.0 mega pixels			
Zoom		・ Optical zoom: 22x ・ i.Zoom: UHD 28x, FHD 35x ・ D.Extender zoom: 1.4x, 2x			
Lens		Motorized Optical 22x zoom, F2.8 to F4.8 [f=8.3 mm (5/16 inches) to 183.0 mm (7-3/16 inches), 35 mm (1-3/8 inches) equivalent: 22.5 mm (7/8 inches) to 500.0 mm (19-11/16 inches)]			
Angle of View Range		・ Horizontal angle of view: 80° (wide) to 4° (tele) ・ Vertical angle of view: 49° (wide) to 2° (tele) ・ Diagonal angle of view: 88° (wide) to 4° (tele)			
Horizontal Resolution		1,800 TV lines Type (center area, in UHD mode, at the wide end)			
Output Format (SDI/HDMI)	4K	2160/60p, 2160/59.94p, 2160/50p, 2160/29.97p (Native), 2160/25p (Native), 2160/24p (Native), 2160/23.98p (Native)			
	HD	1080/60p, 1080/59.94p, 1080/50p, 1080/29.97p (Native), 1080/29.97PsF*, 1080/25p (Native), 1080/25PsF*, 1080/24p (Native), 1080/24PsF*, 1080/23.98p (Native), 1080/23.98PsF*, 1080/59.94i, 1080/50i, 720/59.94p, 720/50p * SDI only.			
Output Format (ST 2110)	4K	2160/60p, 2160/59.94p, 2160/50p, 2160/29.97p (Native), 2160/25p (Native), 2160/24p (Native), 2160/23.98p (Native)			
	HD	1080/60p, 1080/59.94p, 1080/50p, 1080/59.94i, 1080/50i, 1080/29.97p (Native), 1080/25p (Native), 1080/25PsF, 1080/24p (Native), 1080/23.98p (Native), 720/59.94p, 720/50p			
Input					
G/L IN (BNC)		BBS (Black Burst Sync), tri-level sync supported			
Audio Input (XLR)		XLR (2ch) or MIC/LINE Input compatibles (SDI/HDMI/IP), AAC compatibility (compatible with IP only), XLR 3-pin female balanced input: 2ch			
Dante® Audio		————		RJ-45 (input: 4ch, output: 4ch)	
Output					
HDMI		HDMI 2.0 standard, 4:2:2/10bit *HDCP is not supported. *Viera Link is not supported.			
12G SDI OUT		SMPTE2082-1, SMPTE424M/SMPTE292M/75Ω (BNC x1) *Compatible with Level-A/Level-B.			
3G SDI OUT		SMPTE424M/SMPTE292M/75Ω (BNC x1) *Compatible with Level-A/Level-B.			
MONI OUT		SMPTE424M/SMPTE292M/75Ω (BNC x1) *Compatible with Level-A/Level-B.			
Input/Output					
LAN		LAN connector for IP control (RJ-45) 100BASE-T/100BASE-TX/1000BASE-T			
RS-422		CONTROL IN RS 422A (RJ-45)			
SFP+/28 (ST 2110)		————		Compatible protocol: ・ST 2110-10/-20/-21/-30 ・ST 2022-7 (redundancy) ・PTP ST 2059-1/2 ・NMOS IS-04/IS-05 Number of outputs: Video x3 (Main line, Crop, Monitor), Audio x2 Number of inputs: Video x1 (RETURN)	
Pan-tilt Head Unit					
Speed range		・ Speed range: 0.004 °/s to 400°/s (Normal mode) ・ Acceleration Range: ~1800°/s²			
Pan/tilt Operation range		・ Panning Range: ±175° ・ Tilting range: -30° to 210°			

▶ AW-UE200W/K
Rear View



▶ AW-UE210W/K
Rear View



Panasonic Corporation
Imaging Solution Business Division

2-15 Matsuba-cho, Kadoma, Osaka 571-8503 Japan

The information herein is current as of August 2026.

For more information, please visit the Panasonic website.



SP-C-UB200ENS1