

Panasonic

4K Integrated Camera

AW-UER200W Standard Model [Pearl White]

AW-UER200K Standard Model [Black]

AW-UER210W ST 2110/Dante® Model [Pearl White]

AW-UER210K ST 2110/Dante® Model [Black]

Available from Q2 CY2027

New Perspectives. New Creative Possibilities.

The AW-UER200 Series is a high-end PTZ camera that combines outstanding image quality with the creative freedom of a built-in roll mechanism, enabling new forms of visual expression. Equipped with a 5K MOS sensor featuring a global shutter, it delivers highly detailed images with minimal distortion. Combined with dynamic rolling effects and simultaneous 16:9 and 9:16 output, it supports a wide range of content creation, from broadcast production to social media and live streaming. Free from installation constraints, the AW-UER200 Series opens up entirely new perspectives and creative possibilities.



Break Free from Angle Limitations with the Roll Mechanism

5K 1.2-type Global Shutter MOS Sensor

The AW-UER200/UER210 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

One-Touch Horizon Adjustment and Automatic Horizon Leveling

The AW-UER200/UER210 features one-touch horizon adjustment, enabling quick and easy camera leveling during setup. Even in challenging installation environments, such as cranes or angled ceilings, it helps ensure fast, smooth deployment. It also includes automatic horizon leveling to maintain a level image during operation, significantly reducing the need for manual horizon adjustments from setup through production.

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.

Simultaneous 16:9 and 9:16 Output

The AW-UER200/UER210 supports rotation output using its built-in roll mechanism. By cropping vertical video from the camera's full sensor image, it can simultaneously output both a standard 16:9 feed and a 9:16 vertical feed. This provides the flexibility to create content for social media streaming and vertical LED walls while enabling efficient multi-format production from a single camera.

Seamless IP System Integration with SMPTE ST 2110 and Dante®*1 (AW-UER210 only)

The AW-UER210 supports SMPTE ST 2110 and Dante®. In addition to uncompressed 4K video output, SMPTE ST 2110 supports low-latency transmission using JPEG XS². 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.

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The information herein is current as of August 2026.

Specifications (Preliminary)		AW-UER200W/AW-UER200K		AW-UER210W/AW-UER210K	
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 than 1.5A (PoE++ power supply) less than 0.6A (PoE+)	
Mass		Approx.9.0 kg (19.84 lbs) (excluding mount bracket)			
Dimensions (W x H x D)		270 mm x 324 mm x 258 mm (10-5/8 inches x 12-3/4 inches x 10-3/16 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		Pan/Tilt: · Speed range: 0.004 °/s to 180°/s (Normal mode) · Acceleration Range: ~900°/s² Roll: · Speed range: 0.08 °/s to 720°/s (Normal mode) · Acceleration Range: ~2700°/s²			
Operation Range		· Panning Range: ±175° · Tilting range: -30° to 210° · Rolling Range: ±200°			

▶ AW-UER200W/K
Rear View



▶ AW-UER210W/K
Rear View



For more information, please visit the Panasonic website.

SP-C-UER200ENS1