

Panasonic

4K Multi Purpose Camera AK-UBX100

Scheduled to be supported in the first quarter of FY2026.

Preliminary version



Features the Same Platform as the AK-UCX100 4K Studio Camera

Supports a wide range of interfaces, including dual 12G SDI, dual SMPTE ST 2110, NDI® High Bandwidth, and SRT

Achieves a horizontal resolution of 2,000 TV lines

Supports Auto Focus^{*1}

Compact, lightweight body (approx. 1.9 kg)

Compatible with third-party pan/tilt heads^{*2}

^{*1}: Planned for implementation in the first quarter of FY2026.

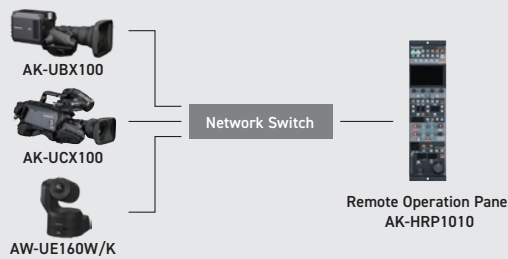
^{*2}: For details on verified compatible rotation platforms, please refer to the product page.



Seamless Integration Enabled Through a Unified Platform

Shorten Time for Color Matching and On-Site Setup with the Unified GUI

The AK-UBX100 utilizes the same platform and shared menu interface as the AK-UCX100. This eliminates the complexity of color matching, which has been a challenge in conventional workflows, and achieves unified operability across different devices.



Seamless Integration with Panasonic's System and PTZ Cameras

The AK-UBX100 connects directly to the same Remote Operation Panel (ROP) used with the AK-UCX100 and AW-UE160. Since button layouts and menu structures are standardized, operators can switch between models without confusion. Even in production environments where multiple camera systems are mixed, smooth and efficient operation is ensured.

Focus Function That Supports High-Level Shooting

Autofocus Built into the Camera Head^{*1}

With PDAF (phase detection autofocus), the camera can quickly and reliably focus on subjects regardless of the lens type being used or the operator's level of experience. The position, size, and speed of the target area can be adjusted in stages, allowing skilled operators to seamlessly switch to manual fine-tuning whenever necessary. This ensures precise framing while maintaining creative control.

^{*1} Future support planned.

Ultra-Lightweight, Flat Design

Compact, Lightweight Approx. 1.9 kg Body

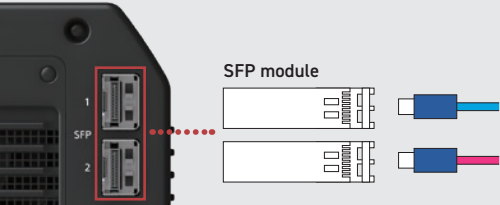
With its lightweight and compact design, the camera reduces the need for counterweights even when mounted on gimbals or the tips of cranes. This design also broadens the range of options for lenses, rotators, and other accessories.

Facilitates Setup and Changeover for Robot Mounting

The flat-surface design on all four sides, combined with 1/4-inch screw holes, allows the body to be securely mounted on tripods, gimbals, ceiling rigs, or cranes without the need for tools. Simply plugging and unplugging cables makes it possible to quickly change orientation or installation location, enabling smooth integration with robotic heads.

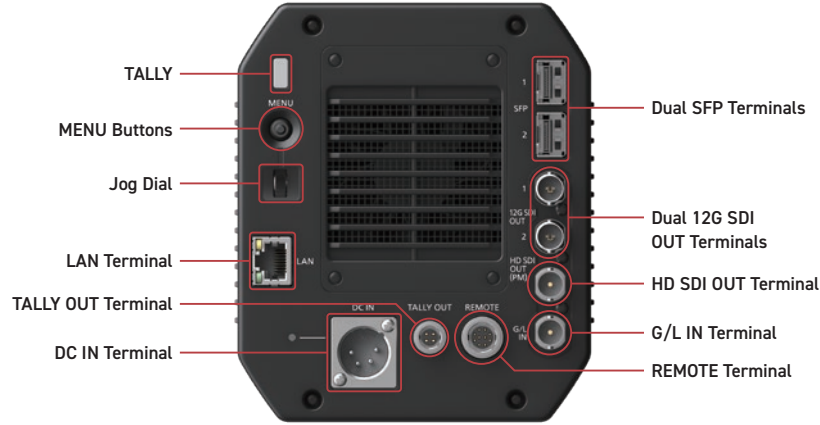
4K Redundant Connections

The AK-UBX100 is standard equipped with two SFP+ / 28 slots and two 12G SDI outputs. A/B redundant 4K A/B routes can be secured on both optical/IP and baseband lines.



^{*} With the AF Area Select function, operators can select the target area from nine different areas (only selectable when the area size is set to "Small").
^{*} The image shows a screen under development.

AK-UBX100 Rear View



Specifications (Tentative)

^{*}For more information, please visit the Panasonic website.

General	
Power Supply	DC 12 V (DC 11 V - 17 V)
Power Consumption	40 W (body only, when outputting 12G SDI) 60 W (maximum power when all accessories are connected and each output terminal is outputting at maximum)
Operating Temperature	-10 °C to 45 °C (14 °F to 113 °F) (Preheating required under a temperature 0°C (32 °F) or below)
Weight	Approx. 1.9 kg (4.19 lbs.) (body only)
Dimensions	118 mm x 140 mm x 175 mm (4-21/32 inches x 5-17/32 inches x 6-57/64 inches) (excluding protrusions)
Camera Unit	
Pickup Device	19.29 million pixels, MOS sensor
Optical Filter	ND CLEAR, 1/4, 1/16, 1/64
Lens Mount	2/3-type bayonet
Sensitivity	[LOW LIGHT] : F10 (59.94 Hz)/F11 (50 Hz) [NORMAL] : F6 (59.94 Hz)/F7 (50 Hz) 2000 lx, 3200 K, when white reflectivity is 89.9%
Horizontal Resolution	UHD 2000 TV lines or above (center)
S/N	62 dB or above
System Format	3840 x 2160/59.94p/50p/29.97p/25p/23.98p 1920 x 1080/59.94p/50p/29.97p/25p/23.98p

Related Products

Free Software
(excluding certain plug-ins)
Media Production Suite

Remote Camera Controller
AW-RP150GJ
AW-RP60GJ

Remote Operation Panel (ROP)
AK-HRP1010GJ
AK-HRP1015GJ

Master Setup Unit (MSU)
AK-MSU1000GJ

Third Party Products

Recommended Pan/Tilt Head
Movicom Robyhead D1

^{*}For inquiries regarding this product, please contact our sales office.
^{*}This product may not be available for purchase in certain countries or regions.

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The information herein is current as of November 2025.

For more information, please visit the Panasonic website.



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