Panasonic CONNECT



Planned for launch in the fourth quarter of 2025

AK-UBX100

Panasonic is Creating the Future of Video Production with More Flexibility. More Precision. And More True to You. The AK-UBX100 box-style 4K multi-purpose camera utilizes the same main functional and original core design and shared menu interface as the AK-UCX100 4K studio camera. This eliminates the complexity of color matching, which has been a longstanding issue, and unifies operability across devices. Also, by utilizing a common remote operation panel (ROP), seamless integration with the AK-UCX100 4K studio camera and the AW-UE160 4K PTZ camera becomes possible, leading to significant improvements in operational efficiency on the shooting site. The AK-UBX100 independently supports a variety of IP protocols including SMPTE ST 2110, NDI®, SRT and its interfaces include two 12G-SDI ports and two SFP28 ports. In addition to basic moiré reduction performance designed for various production needs, the addition of an HD optical low-pass filter*3 further enhances moiré suppression, enabling the camera to deliver high expressive power on its own.

Key Features

- The same platform as the AK-UCX100
- Lightweight and compact design
- Autofocus support planned
- 2,000 TVL resolution
- Supports a wide range of interfaces including 12G-SDI (×2 channels), SMPTE ST 2110, NDI High Bandwidth, and SRT

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https://latam.connect.panasonic.com/mx/en/products/broadcast-proav/ak-ubx100

General -> Power Supply	DC 12 V (DC11V - 17V)
General -> 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)
General -> Operating Temperature	–10 °C to 45 °C (14 °F to 113 °F) (Preheating required under a temperature 0°C (32 °F) or below)
General -> Operating Humidity	85% or less (relative humidity)
General -> Storage Temperature	−20 °C to 60 °C (−4 °F to 140 °F)
General -> Weight	Approx. 1.9 kg (4.19 lbs.) (body only)
General -> 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
Camera Unit -> Optical Filter -> ND	CLEAR, 1/2, 1/4, 1/16, 1/64
Camera Unit -> Optical Filter -> FX	*Option: HD-Optical Low Pass filter
Camera Unit -> Lens Mount	2/3-type bayonet
Camera Unit -> 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%
Camera Unit -> Horizontal Resolution -> HD	1000 TV lines or above (center)
Camera Unit -> S/N	62 dB or above
Camera Unit -> Gain Switching -> NORMAL	-6, -3, 0, 3, 6, 9, 12, 15, 18
Camera Unit -> Shutter Speed -> [59.94i]/[59.94p] mode	1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
Camera Unit -> Shutter Speed -> [50i]/[50p] mode	1/60, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
Camera Unit -> Shutter Speed -> [29.97p] mode	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
Camera Unit -> Shutter Speed -> [25p] mode	1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
Camera Unit -> Shutter Speed -> [23.98p] mode	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
Camera Unit	3840x2160/59.94p/50p/29.97p/25p/23.98p 1920x1080/59.94p/50p/29.97p/25p/23.98p
Other Input/Output -> <SFP 2> Terminal	SFP+/28 x 1
Other Input/Output -> <SFP 1> Terminal	SFP+/28 x 1
Other Input/Output - > < LENS > Terminal	12-pin x 1
Other Input/Output - > < DC IN > Terminal	XLR x 1, 4-pin, DC12 V (DC11V - 17V)
Other Input/Output - > < REMOTE > Terminal	10-pin x 1
Other Input/Output - > < LAN > Terminal	RJ-45 x 1
Video Input/Output - > < 12G SDI OUT 1 > Terminal	BNC × 1 12G/6G/3G/1.5G-SDI: 0.8 V [p-p]、75 Ω
Video Input/Output - > < 12G SDI OUT 2 > Terminal	BNC × 1 12G/6G/3G/1.5G-SDI: 0.8 V [p-p]、75 Ω
Video Input/Output - > < HD SDI OUT > Terminal	BNC × 1 3G/1.5G-SDI: 0.8 V [p-p]、75 Ω
Video Input/Output - > < G/L IN > Terminal	BNC × 1 1 V [p-p]、75 Ω
Other Input/Output - > < TALLY OUT > Terminal	4-pin x 1
Camera Unit -> Horizontal Resolution -> UHD	2000 TV lines or above (center)
Camera Unit -> Synchro Scan Shutter -> [59.94i]/[59.94p] mode	60.0 Hz to 7200 Hz
Camera Unit -> Synchro Scan Shutter -> [50i]/[50p] mode	50.0 Hz to 7200 Hz
Camera Unit -> Synchro Scan Shutter -> [29.97p] mode	30.0 Hz to 7200 Hz
Camera Unit -> Synchro Scan Shutter -> [25p] mode	25.0 Hz to 7200 Hz
Camera Unit -> Synchro Scan Shutter -> [23.98p] mode	24.0 Hz to 7200 Hz