**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

**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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## 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 ℃ to 45 ℃ (14 ℉ to 113 ℉) (Preheating required under a temperature 0℃ (32 ℉) or below) |
| General -> Operating Humidity | 85% or less (relative humidity) |
| General -> Storage Temperature | –20 ℃ to 60 ℃ (–4 ℉ to 140 ℉) |
| 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 |