



Planned for launch in the fourth quarter of 2025

## AK-UBX100

Compact Powerhouse for Multi-Purpose 4K Production The AK-UBX100 is Panasonic's new 4K multi-purpose camera, designed for today's fast-moving production environments. Launching in Q4 2025, the UBX100 combines a lightweight box-style design with professional-grade imaging performance, advanced connectivity, and seamless interoperability with Panasonic's broadcast ecosystem. Built on the same 2/3-type bayonet lens mount sensor and processing platform as the UCX100 studio camera, the UBX100 ensures consistent operation, color matching, and smooth integration with devices such as the AW-UE160 PTZ. Its compact 1.9kg body makes it ideal for robotic mounting and flexible lens setups, while offering the precision and performance professionals demand. 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

### 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



## AK-UBX100

<https://eu.connect.panasonic.com/gb/en/broadcast-proav/studio-cameras/ak-ubx100>

<b>General -&gt; Power Supply</b>	DC 12 V ( DC11V - 17V )
<b>General -&gt; Power Consumption</b>	119 W () 360 W (maximum, when connected and including supply to an externally copnnected device)
<b>General -&gt; Operating Temperature</b>	-10 °C to 45 °C (14 °F to 113 °F) (Preheating required under a temperature 0°C (32 °F) or below)
<b>General -&gt; Operating Humidity</b>	85% or less (relative humidity)
<b>General -&gt; Storage Temperature</b>	-20 °C to 60 °C (-4 °F to 140 °F)
<b>General -&gt; Weight</b>	Approx. 1.9 kg (4.19 lbs.) (body only, excluding the accessories)
<b>General -&gt; Dimensions</b>	W 118 mm x H 140 mm x D 174.8 mm (4 9/14 inches x 5 1/2 inches x 6 7/8 inches) (excluding protrusions)
<b>Camera Unit -&gt; Pickup Device</b>	19.04 million pixels, MOS sensor
<b>Camera Unit -&gt; Optical Filter -&gt; ND</b>	CLEAR, 1/2, 1/4, 1/16, 1/64
<b>Camera Unit -&gt; Optical Filter -&gt; FX</b>	*Option: HD-Optical Low Pass filter
<b>Camera Unit -&gt; Lens Mount</b>	2/3-type bayonet
<b>Camera Unit -&gt; Sensitivity</b>	[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%
<b>Camera Unit -&gt; Horizontal Resolution</b>	-2000 TV lines or above (center) > 4K
<b>Camera Unit -&gt; Horizontal Resolution</b>	-1000 TV lines or above (center) > HD
<b>Camera Unit -&gt; S/N</b>	62 dB or above
<b>Camera Unit -&gt; Gain Switching -&gt; NORMAL</b>	-6, -3, 0, 3, 6, 9, 12, 15, 18
<b>Camera Unit -&gt; Shutter Speed -&gt; [59.94i]/[59.94p] mode</b>	1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
<b>Camera Unit -&gt; Shutter Speed -&gt; [50i]/[50p] mode</b>	1/60, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
<b>Camera Unit -&gt; Shutter Speed -&gt; [29.97p] mode</b>	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
<b>Camera Unit -&gt; Shutter Speed -&gt; [25p] mode</b>	1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
<b>Camera Unit -&gt; Shutter Speed -&gt; [23.98p] mode</b>	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
<b>Camera Unit -&gt; Shutter opening angle</b>	3 deg ~ 359.5 deg ( adjustable in 0.5-degree increments. )
<b>Camera Unit</b>	2160/59.94p, 50p, 29.97p, 25p, 23.98p, 1080/59.94p, 50p, 29.97p, 25p, 23.98p, 59.94i※, 50i※ ※Interlaced output supported through conversion from progressive format.
<b>Video Input/Output - &gt; &lt; 12G SDI OUT</b>	BNC × 1
<b>1 &gt; Terminal</b>	12G/6G/3G/1.5G-SDI: 0.8 V [ p-p ] , 75 Ω
<b>Video Input/Output - &gt; &lt; 12G SDI OUT</b>	BNC × 1
<b>2 &gt; Terminal</b>	12G/6G/3G/1.5G-SDI: 0.8 V [ p-p ] , 75 Ω
<b>Video Input/Output - &gt; &lt; HD SDI OUT &gt;</b>	BNC × 1
<b>Terminal</b>	3G/1.5G-SDI: 0.8 V [ p-p ] , 75 Ω
<b>Video Input/Output - &gt; &lt; G/L IN &gt;</b>	BNC × 1
<b>Terminal</b>	1 V [ p-p ] , 75 Ω
<b>Other Input/Output -&gt; &lt; SFP 2 &gt;</b>	SFP+/28 x 1
<b>Terminal</b>	
<b>Other Input/Output -&gt; &lt; SFP 1 &gt;</b>	SFP+/28 x 1
<b>Terminal</b>	
<b>Other Input/Output -&gt; &lt; LENS &gt;</b>	12-pin x 1
<b>Terminal</b>	
<b>Other Input/Output -&gt; &lt; DC IN &gt;</b>	XLR x 1, 4-pin, DC12 V ( DC11V - 17V )
<b>Terminal</b>	
<b>Other Input/Output -&gt; &lt; REMOTE &gt;</b>	10-pin x 1
<b>Terminal</b>	
<b>Other Input/Output -&gt; &lt; LAN &gt;</b>	RJ-45 x 1
<b>Terminal</b>	
<b>Other Input/Output -&gt; &lt; TALLY OUT &gt;</b>	4-pin x 1
<b>Terminal</b>	