



## 4K PL-mount Studio Camera for Live Cinematic Video with Shallow Depth of Field

# AK-PLV100GSJ

The PLV100 carries on the legacy of VariCam with a cinematic look, Vlog and dual native ISO, and streamlines multicamera live shooting to deliver another purpose built studio cameras for easy Cine-live production

### Key Features

Equipped with a large format, 5.7K Super 35mm sensor and PL Lens mount to accommodate cinema lenses for a shallow-depth look.

Capture frame rate is switchable to Cinematic 24p/30p on 60p system, so can easily switch between a 24p/30p look and a standard broadcast 60p look.

Outputs SMPTE ST2110\* video directly from its camera head and merely requires an optical-fiber connection for return input, intercom input/output, PTP synchronization, trunk out, and tally input.\*Future support planned

Compatibility with Panasonic's 2/3-inch studio-camera system equipment allows the use of CCUs(UCU600 and HCU250), ROPs (HRP1010 and HRP1015) and other accessories.

V-LOG output\* for wide dynamic range and rich color gamut, along with Dual Native ISO\* for superb low-light performance



## AK-PLV100GSJ

<https://ap.connect.panasonic.com/m/en/products/broadcast-proav/ak-plv100gsj>

<b>General</b>	
<b>Power Supply</b>	DC 12 V (when using an external power supply)
	DC 190 V (when AK-HCU250PSJ/HCU250ESJ is connected)
	AC 240 V (when AK-UCU600PSJ/UCU600ESJ is connected)
<b>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>Storage Temperature</b>	-20 °C to 60 °C (-4 °F to 140 °F)
<b>Operating Humidity</b>	85% or less (relative humidity)
<b>Weight</b>	Approx. 4.2 kg (9.26 lbs.) (body only, excluding the accessories)
<b>Dimensions (W x H x D)</b>	Body only 151 mm x 267 mm x 389 mm (5-31/32 inches x 10-17/32 inches x 15-11/32 inches)
	(excluding protrusions)
<b>Camera Unit</b>	
<b>Pickup Device</b>	S35mm 17.25 million pixels MOS Sensor
<b>Optical Filter</b>	ND: Clear, 1/4, 1/16, 1/64
<b>Lens Mount</b>	35mm PL Mount
<b>S/N</b>	62 dB or above
<b>Horizontal Resolution</b>	4K: 2000 TV lines (center)
<b>System Format</b>	3840x2160/59.94p/50p/29.97p/25p/23.98p
	1920x1080/59.94p/50p/29.97p/25p/23.98p
<b>Video Input/Output</b>	
<b>&lt;SDI OUT1(12G)&gt; terminal</b>	BNCx1
	12G/6G/3G/1.5G-SDI:0.8 V[p-p], 75 Ω
<b>&lt;SDI OUT2&gt; terminal</b>	BNCx1
	3G/1.5G-SDI:0.8 V[p-p], 75 Ω
<b>&lt;AUX&gt; terminal</b>	BNCx1
<b>Audio Input/Output</b>	
<b>&lt;MIC 2&gt; terminal</b>	XLR x 1, 3-pin (female type)[LINE]/[MIC]/[+48V] switchable[LINE]: 0 dBu[MIC]: -60 dBu, -40 dBu, or -20 dBu menu can be selected
<b>&lt;MIC&gt; terminal (front)</b>	XLR x 1, 3-pin (female type)[LINE]/[MIC]/[+48V] switchable[LINE]: 0 dBu[MIC]: -60 dBu, -40 dBu, or -20 dBu menu can be selected
<b>Intercom</b>	
<b>&lt;INTERCOM1&gt; terminal</b>	XLR x 1, 5-pin, female type
<b>Other Input/Output</b>	
<b>&lt;OPT FIBER&gt; terminal</b>	Optical composite connector x 1
<b>&lt;LENS&gt; terminal</b>	12-pin x 1
<b>&lt;VF&gt; terminal</b>	20-pin x 1
<b>&lt;VF&gt; terminal (rear)</b>	29-pin x 1
<b>&lt;DC IN&gt; terminal</b>	XLR x 1, 4-pin, DC 12 V
<b>&lt;LAN&gt; terminal</b>	RJ-45x1