



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



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

General

Power Supply	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)
Operating Temperature	-10 °C to 45 °C (14 °F to 113 °F)
	(Preheating required under a temperature 0°C (32 °F) or below)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Operating Humidity	85% or less (relative humidity)
Weight	Approx. 4.2 kg (9.26 lbs.) (body only, excluding the accessories)
Dimensions (W x H x D)	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)

Camera Unit

Pickup Device	S35mm 17.25 million pixels MOS Sensor
Optical Filter	ND: Clear, 1/4, 1/16, 1/64
Lens Mount	35mm PL Mount
S/N	62 dB or above
Horizontal Resolution	4K: 2000 TV lines (center)
System Format	3840x2160/59.94p/50p/29.97p/25p/23.98p
	1920x1080/59.94p/50p/29.97p/25p/23.98p

Video Input/Output

<SDI OUT1(12G)> terminal	BNCx1
	12G/6G/3G/1.5G-SDI:0.8 V[p-p], 75 Ω
<SDI OUT2> terminal	BNCx1
	3G/1.5G-SDI:0.8 V[p-p], 75 Ω
<AUX> terminal	BNCx1

Audio Input/Output

<MIC 2> terminal	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
<MIC> terminal (front)	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

Intercom

<INTERCOM1> terminal	XLR x 1, 5-pin, female type
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Other Input/Output

<OPT FIBER> terminal	Optical composite connector x 1
<LENS> terminal	12-pin x 1
<VF> terminal	20-pin x 1
<VF> terminal (rear)	29-pin x 1
<DC IN> terminal	XLR x 1, 4-pin, DC 12 V
<LAN> terminal	RJ-45x1