



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://latam.connect.panasonic.com/pa/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/23.98p |
| | 1920x1080/59.94p/50p/29.97p/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 |
|-----------------------------------|-----------------------------|

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 |