Panasonic CONNECT



4K Studio Camera that realizes excellent color reproduction with high sensitivity and low noise

AK-UC3300

The AK-UC3300, a 4K Studio Camera system equipped with a large S35mm MOS 4K sensor to deliver high quality video. Ideal for a variety of production applications, such as broadcast studio, live events and eSports.

Key Features

- 4K video output with horizontal / vertical resolution of 2,000 TV lines with a large 11-megapixel image sensor.
- Supports 1/100 second high-speed reading to rolling shutter distortion.
- Supports High Dynamic Range (HLG) and ITU-R BT.2020 wide color space.(with AK-UCU600 connected)
- Supports HD Hi-Speed (2x).(with AK-UCU600 connected)
- 12G-SDI output/ TICO over SDI output /(with AK-UCU600 connected).SMPTE ST2110 supported with optional(with AK-NP600).

4K PROFESSIONAL HDR

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https://ap.connect.panasonic.com/th/en/ak-uc3300

General -> Power Supply	DC 12 V (when using an external power supply) AC 240 V, 50 Hz/60 Hz (when AK-UCU600PJ/UCU600PSJ/UCU600EJ/UCU600ESJ is connected)
General -> Power Consumption	119 W (maximum, when connecting to an external 12 V and including supply to an externally connected devices) 170 W (maximum, when AK-UCU600PJ/UCU600PSJ/UCU600EJ/ UCU600ESJ is conncected and including supply to an externally connected devices)
General -> Operating Temperature	–10 °C to 45 °C (14 °F to 113 °F) (Preheating required under a temperature 0 °C (32 °F) or below)
General -> Operating Humidity	85% or less (relative humidity)
General -> Storage Temperature	–20 °C to 60 °C (–4 °F to 140 °F)
General -> Weight	Approx. 4.3 kg (9.46 lbs.) (body only, excluding the accessories)
General -> Dimensions	W 151 mm x H 267 mm x D 374 mm (5-31/32 inches x 10-17/32 inches x 14-23/32 inches) (excluding protrusions)
Camera Unit -> Pickup Device	11.14 million pixels, MOS Sensor
Camera Unit -> Optical Filter -> ND	Clear, 1/4, 1/16, 1/64
Camera Unit -> Lens Mount	2/3-type bayonet
Camera Unit -> Sensitivity	Two shooting modes [HIGH SENS] 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 -> 4K	2000 TV lines or above (center, AK-UCU600PJ/UCU600PSJ/UCU600EJ/UCU600ESJ output)
Camera Unit -> Horizontal Resolution -> HD	1000 TV lines or above (center)
Camera Unit -> S/N	62 dB or above
Camera Unit -> Horizontal Modulation	50% or above (27.5 MHz)
Camera Unit -> Gain Switching -> HIGH SENS	–6, –3, 0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36
Camera Unit -> Gain Switching -> NORMAL	–6, –3, 0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36
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	3840 x 2160/59.94p/50p/29.97p/25p/23.98p 1920 x 1080/59.94p/59.94p(2x)/50p/50p(2x)/29.97p/25p/23.98p
Video Input/Output - > < HD-SDI1 > Terminal	BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω
Video Input/Output - > < HD-SDI2 > Terminal	BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω
Video Input/Output - > < AUX > Terminal	BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 1.5G-SDI: 0.8 V [p-p], 75 Ω : VBS signal 1 V [p-p], 75 Ω
Video Input/Output - > < G/L IN/PROMPTER OUT > Terminal	BNC x 1 : Tri-level SYNC or black burst : VBS signal 1 V [p-p], 75 Ω Functions as when standalone, and as when AK-UCU600PJ/UCU600PSJ/UCU600EJ/UCU600ESJ is connected
Audio Input/Output - > < MIC 1 > Terminal	XLR x 1, 3-pin （female） // switchable For , / switchable : 0 dBu, +4 dBu menu selection available : –60 dBu, –40 dBu, or –20 dBu menu can be selected
Audio Input/Output - > < MIC 2 > Terminal	XLR x 1, 3-pin （female） // switchable : 0 dBu, +4 dBu menu selection available : –60 dBu, –40 dBu, or –20 dBu menu can be selected
Audio Input/Output - > < MIC > Terminal (front)	XLR x 1, 3-pin （female） Switchable with terminal
Intercom - > < INTERCOM1 > Terminal	XLR x 1, 5-pin, female type

Intercom - > < INTERCOM2 > Terminal	XLR x 1, 5-pin, female type
Intercom - > < EARPHONE > Terminal	Stereo mini jack x 1
Other Input/Output - > < OPT FIBER > Terminal	Optical composite connector x 1
Other Input/Output - > < LENS > Terminal	12-pin x 1
Other Input/Output - > < VF > Terminal	20-pin x 1
Other Input/Output - > < VF > Terminal (rear)	29-pin x 1
Other Input/Output - > < DC IN > Terminal	XLR x 1, 4-pin, DC 12 V
Other Input/Output - > < RET CTRL > Terminal	6-pin x 1
Other Input/Output - > < EXT I/O > Terminal	20-pin x 1, DC 12 V, 0.5 A
Other Input/Output - > < REMOTE > Terminal	10-pin x 1
Other Input/Output - > < TRUNK > Terminal	12-pin x 1
Other Input/Output -> < DC OUT 12V 2.5A > Terminal	2-pin x 1
Other Input/Output -> DC OUT 12 V 1 A Terminal	4-pin x 1
Other Input/Output - > < LAN > Terminal	RJ-45 x 1