Panasonic
CONNECT

UHD System Camera Channel

AK-UC3000

UHD system camera system for live OB and studio production, concert and live event capture, and higher education

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Power Supply	DC 12 V (when using an external power supply)
	AC 240 V, 50 Hz/60 Hz (when AK-UCU500P/AK-UCU500PS/
	AK-UCU500E/AK-UCU500ES is connected)
Power Consumption	119 W (maximum, when connecting to an external 12 V and including supply to an externally connected devices) 360 W (maximum, when AK-UCU500P/AK-UCU500PS/ AK-UCU500E/AK-UCU500ES is connected and including supply to an externally connected devices)
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. 4.4 kg (9.70 lbs.) (body only, excluding the accessories)
Dimensions (W x H x D)	Body only 151 mm x 267 mm x 371.5 mm
	(5-31/32 inches x 10-17/32 inches x 14-21/32 inches) (excluding protrusions)
Pickup Devices	11 million pixels, CMOS x 1
Optical Filter	CC: 3200 K, 4300 K, 6300 K, Cross, Diffusion ND: CAP, Clear, 1/4, 1/16, 1/64
Lens Mount	2/3-type bayonet
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%
Horizontal Resolution	4K: 1800 TV lines or above (center, AK-UCU500P/ AK-UCU500PS/AK-UCU500E/AK-UCU500ES output)
	HD: 1000 TV lines or above (center)
S/N	60 dB or above
Horizontal Modulation	50% or above (27.5 MHz)
Gain Switching	[NORMAL]: -6, -3, 0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36
	[HIGH SENS]: -6, -3, 0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36
Shutter Speed	・ [59.94i]/[59.94p] mode: 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
	・ [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
	・ [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
	・ [50i]/[50p] mode: 1/60, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
	・ [25p] mode: 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
[HD SDI 1] Terminal	BNC x 1
	HD (3G/1.5G): 0.8 V [p-p], 75 ohm
[HD SDI 2] Terminal	BNC x 1
	HD (3G/1.5G): 0.8 V [p-p], 75 ohm
[AUX] terminal	BNC x 1
	Functions as terminal/ terminal by switching the setting in the menu
	: HD (1.5G)
	: VBS signal 1 V [p-p], 75 ohm
[G/L IN/PROMPTER OUT] terminal	BNC x 1
	: Tri-level SYNC or BB (black burst)
	: VBS signal 1 V [p-p], 75 ohm
	Functions as when standalone, and as
	when AK-UCU500P/ AK-UCU500PS/
	AK-UCU500E/AK-UCU500ES is connected

[MIC 1] terminal	XLR x 1, 3-pin
	// switchable For ,
	/ switchable
	: 0 dBu, +4 dBu menu selection available
	: -60 dBu, -40 dBu, or -20 dBu menu can be selected
[MIC 2] terminal	XLR x 1, 3-pin
	// switchable
	: 0 dBu, +4 dBu menu selection available
	: -60 dBu, -40 dBu, or -20 dBu menu can be selected
[MIC] terminal (front)	XLR x 1, 3-pin
	Switchable with terminal
[Intercom 1] Terminal	XLR x 1, 5-pin
[Intercom 2] Terminal	XLR x 1, 5-pin
[EARPHONE] terminal	Stereo mini jack x 1, 3-pin
[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
[DC Out 12V 1A] Terminal	4-pin x 1
[RET CTRL] terminal	6-pin x 1
[EXT I/O] terminal	20-pin x 1, DC 12 V, 0.5 A
[Remote] Terminal	10-pin x 1
[TRUNK] terminal	12-pin x
[DC OUT 12V 2.5A] terminal	2-pin x 1
[LAN] Terminal	RJ-45 x 1
[USB2.0] terminal (host)	Type A connector, DC 5 V, 0.5 A
Build-up Terminal	20-pin x 1