

4K/HD Studio Camera System Specifications & Dimensions

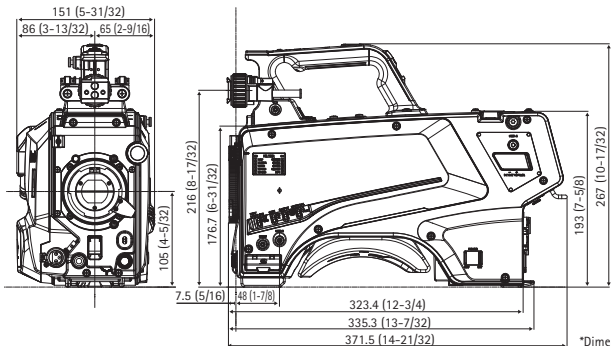
AK-UC3000GJ/UC3000GSJ/AK-HC5000GJ/HC5000GSJ

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)	<HD SDI1> terminal	BNC x 1 HD (3G/1.5G): 0.8 V [p-p], 75 Ω
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)	<HD SDI2> terminal	BNC x 1 HD (3G/1.5G): 0.8 V [p-p], 75 Ω
Operating Temperature	-10 °C to 45 °C (14 °F to 113 °F) (Preheating required under a temperature 0 °C (32 °F) or below)	<AUX> terminal	BNC x 1 Functions as <HD TRUNK> terminal/<PROMPTER2> terminal by switching the setting in the menu <HD TRUNK>: HD (1.5G) <PROMPTER2>: VBS signal 1 V [p-p], 75 Ω
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	<G/L IN/PROMPTER OUT> terminal	BNC x 1 <G/L IN>: Tri-level SYNC or BB (black burst) <PROMPTER OUT>: VBS signal 1 V [p-p], 75 Ω Functions as <G/L IN> when standalone, and as <PROMPTER OUT> when AK-UCU500P/ AK-UCU500PS/ AK-UCU500E/AK-UCU500ES is connected
Operating Humidity	85% or less (relative humidity)	<MIC 1> terminal	XLR x 1, 3-pin <LINE>/<MIC>/<+48 V> switchable For <MIC>, <FRONT>/<REAR> switchable <LINE>: 0 dBu, +4 dBu menu selection available <MIC>: -60 dBu, -40 dBu, or -20 dBu menu can be selected
Weight	Approx. 4.4 kg (9.70 lbs.) (body only, excluding the accessories)	<MIC 2> terminal	XLR x 1, 3-pin <LINE>/<MIC>/<+48V> switchable <LINE>: 0 dBu, +4 dBu menu selection available <MIC>: -60 dBu, -40 dBu, or -20 dBu menu can be selected
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)	<MIC> terminal (front)	XLR x 1, 3-pin Switchable with <MIC 1> terminal
Pickup Device	AK-UC3000: 11 million pixels, CMOS x 1 AK-HC5000: 2/3-type, 2.2 million pixels, MOS x 3	<INTERCOM1> terminal	XLR x 1, 5-pin
Optical Filter	CC: 3200 K, 4300 K, 6300 K, Cross, Diffusion ND: CAP, Clear, 1/4, 1/16, 1/64	<INTERCOM2> terminal	XLR x 1, 5-pin
Lens mount	2/3-type bayonet	<EARPHONE> terminal	Stereo mini jack x 1, 3-pin
Sensitivity	Two shooting modes AK-UC3000: [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% AK-HC5000: [HIGH SENS]: F11 (59.94 Hz)/F12 (50 Hz) [NORMAL]: F8 (59.94 Hz)/F9 (50 Hz) 2000 lx, 3200 K, when white reflectivity is 89.9%	<OPT FIBER> terminal	Optical composite connector x 1
Horizontal Resolution	AK-UC3000: 4K: 1800 TV lines or above (center, AK-UCU500P/ AK-UCU500PS/AK-UCU500E/AK-UCU500ES output) HD: 1000 TV lines or above (center) AK-HC5000: 1000 TV lines or above (center)	<LENS> terminal	12-pin x 1
S/N	60 dB or above	<VF> terminal	20-pin x 1
Horizontal Modulation	50% or above (27.5 MHz)	<VF> terminal (rear)	29-pin x 1
Gain switching	AK-UC3000: [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 AK-HC5000: [NORMAL]: -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	<DC IN> terminal	XLR x 1, 4-pin, DC 12 V
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	<DC OUT 12 V 1 A> 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 1
		<DC OUT 12 V 2.5 A> 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

Dimensions

Unit: mm(inches)

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*Dimensions above are for the AK-UC3000.