

Specifications

4K Studio Camera AK-UC3300GJ/UC3300GSJ

| 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) |
| 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 connected and including supply to an externally connected devices) |
| Ambient 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) |
| Ambient Operating Humidity | 85% or less (relative humidity) |
| Weight | Approx. 4.3 kg (9.46 lbs.) (body only, excluding the accessories) |
| Dimensions (W x H x D) | Body only 151 mm x 267 mm x 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 |
| Optical Filter | ND: 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 Modulation | 50% or above (27.5 MHz) |
| S/N | 62 dB or above |
| Horizontal Resolution | HD: 1000 TV lines or above (center) 4K: 2000 TV lines or above (center, AK-UCU600PJ/UCU600PSJ/UCU600EJ/UCU600ESJ output) |
| 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 | <ul style="list-style-type: none"> • [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 |
| System Format | 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 SDI 1> terminal | BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω |
| <HD SDI 2> terminal | BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω |
| <AUX> terminal | BNC x 1 Functions as <HD TRUNK> terminal/<PROMPTER2> terminal by switching the setting in the menu <HD TRUNK>: 1.5G-SDI: 0.8 V [p-p], 75 Ω <PROMPTER2>: VBS signal 1 V [p-p], 75 Ω |
| <G/L IN/PROMPTER OUT> terminal | BNC x 1 <G/L IN>: Tri-level SYNC or 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-UCU600PJ/UCU600PSJ/UCU600EJ/UCU600ESJ is connected |

| Audio Input/Output | |
|------------------------|---|
| <MIC 1> terminal | XLR x 1, 3-pin, female type <LINE>/<MIC>/<+48V> 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 |
| <MIC 2> terminal | XLR x 1, 3-pin, female type <LINE>/<MIC>/<+48V> switchable <LINE>: 0 dBu, +4 dBu menu selection available <MIC>: -60 dBu, -40 dBu, or -20 dBu menu can be selected |
| <MIC> terminal (front) | XLR x 1, 3-pin, female type Switchable with <MIC 1> terminal |
| Intercom | |
| <INTERCOM1> terminal | XLR x 1, 5-pin, female type |
| <INTERCOM2> terminal | XLR x 1, 5-pin, female type |
| <EARPHONE> terminal | Stereo mini jack x 1 |

| 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 |
| <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 |