

Panasonic

BUSINESS

AK-UC3300GJ (Tajimi connector model) AK-UC3300GSJ (LEMO connector model)

4K Studio Camera

(Scheduled for release in fall 2020)

Preliminary



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

The AK-UC3300GJ/UC3300GSJ 4K Studio Camera is designed for use by broadcasting services and is equipped with a large 11-megapixel sensor. Oversampling obtains high-resolution 4K video shooting with a horizontal resolution of 2,000 TV lines while an S/N ratio of 62 dB or more is maintained at high sensitivities. In addition to the 2x speed HD high-speed shooting function, the skew reduction function realized through the high reading speed (1/100 of a second) provides excellent operability when shooting rapid movements such as during sports and live events.

4K and HD multiformat support is provided and simultaneous UHD and HD output are possible. Flexible operation adapted to the application can also be achieved. By combining with AK-UCU600PJ/UCU600EJ/UCU600PSJ/UCU600ESJ Camera Control Units (CCU), 12G-SDI output, TICO*¹ over SDI output and SMPTE ST2110*² output can be supported. A system that supports various next-generation production environments can be created.

*1: A codec developed by intoPIX. Short for Tiny Codec *2: With AK-NP600G (IP/12G/3G Interface Kit) equipped to the Camera Control Unit (CCU).



Worldwide
Olympic Partner



Worldwide
Paralympic Partner



4K Studio Camera AK-UC3300GJ/AK-UC3300GSJ

Main Features

- 4K video output with horizontal resolution of 2,000 TV lines is possible with a large 11-megapixel sensor.
- High sensitivity of F10 (2000 lx) and low noise with an S/N ratio of 62 dB (in High Sense Mode).
- Equipped with lens Chromatic Aberration Compensation (CAC).
- Supports 1/100 second high-speed reading to control rolling shutter distortion.
- Equipped with Dynamic Range Stretcher (DRS) function to control black defects and blown-out highlights.
- Supports simultaneous 3840x2160/59.94p UHD output and HD output operation.
- Supports High Dynamic Range (HDR) and ITU-R BT.2020 wide color range.
- Supports HD Hi-Speed mode (2x).
- Equipped with 2 lines of UHD 12G-SDI output and 1 line of TICO over SDI output (with AK-UCU600PJ/UCU600EJ/UCU600PSJ/UCU600ESJ connected). SMPTE ST2110 can also be supported with optional accessories.

* This unit does not support Build-up Units. When using field lenses, a lens supporter from the lens manufacturer and power supply are required.

Supported Formats (with AK-UCU600PJ/EJ/PSJ/ESJ connected)

UHD	2160/59.94p, 2160/50p, 2160/29.97p, 2160/25p, 2160/23.98p, 2160/29.97PsF, 2160/25PsF, 2160/23.98PsF, 2160/23.98PsF & over 59.94i
HD	1080/59.94p, 1080/50p, 1080/59.94i, 1080/50i, 1080/29.97PsF, 1080/25PsF, 1080/23.98PsF, 720/59.94p, 720/50p
HD Hi-Speed*1	1080/59.94p-120fps, 1080/50p-100fps, 1080/59.94i-120fps, 1080/50i-100fps, 720/59.94p-120fps, 720/50p-100fps

*1: When in HD Hi-Speed mode.

Related Products

*Use requires the latest software version update. For more details, please see "Service and Support/PASS" on the following website (<https://pro-av.panasonic.net/en/>).

Supports 12G-SDI output and TICO over SDI output

AK-UCU600PJ/UCU600EJ
(Tajimi connector model)

AK-UCU600PSJ/UCU600ESJ
(LEMO connector model)

Camera Control Unit (CCU)



Optional board for SMPTE ST2110 support

AK-NP600G
IP/12G/3G
Interface Kit



Supports PoE* and IP control

AK-HRP1000GJ
AK-HRP1005GJ

Remote Operation
Panel (ROP)



* Abbreviation of Power over Ethernet.

Connect and control up to 99 CCUs

AK-MSU1000GJ

Master Setup Unit (MSU)



Equipped with focus assist and external video input terminals

AK-HVF100GJ

22.9 cm (9 inches) LCD Color Viewfinder



Lightweight, low power consumption, high resolution

AK-HVF75G

17.8 cm (7 inches) LCD Color Viewfinder



Switches between color and monochrome with a single touch

AJ-CVF50GJ

38.1 mm (1.5 inches) HD EVF



Higher resolution and brighter with Newly developed LCD

AJ-CVF25GJ

87.6 mm (3.45 inches)

Color HD EVF

Open two ways for LCD
monitor viewing

NEW



Panasonic Corporation
Connected Solutions Company

2-15 Matsuba-cho, Kadoma, Osaka 571-8503 Japan



For more information, please visit Panasonic web site
<https://pro-av.panasonic.net/en/qr/>

SP-UC3300PRE

*Specifications are subject to change without notice.

5K202003UP-1 Printed in Japan



Factories of AVC Networks Company have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)