



4K-Zentralsteuereinheit mit verbesserter IP-Konnektivität, einschließlich Unterstützung für ST 2110, das branchenweit erste*1 Dante®, NDI und SRT.

AK-UCU700 series

4K-Zentralsteuereinheit mit verbesserter IP-Konnektivität, einschließlich Unterstützung für ST 2110, das branchenweit erste*1 Dante®, NDI und SRT. Die AK-UCU700 CCU unterstützt den IP-Übertragungsstandard SMPTE ST 2110*2 der nächsten Generation sowie JPEG-XS, um 4K-Videos um den Faktor 10 zu dekomprimieren/komprimieren, ohne die Qualität zu beeinträchtigen. Als branchenweit erste*1 Studiokamerasystem, das den Netzwerk-Audiostandard Dante®*3 sowie die IP-Übertragungsstandards NDI (High Bandwidth NDI®)*4 und SRT (Secure Reliable Transport)*5 unterstützt, realisiert die neue CCU von

Key Features

Gleichzeitige Ausgabe von HDR und SDR (BT.2020 und BT.709).

Acht Standardausgänge, darunter zwei 12G-SDI-Ausgänge.

Kompatibilität mit dem ST 2110*2 und branchenweit erste Unterstützung für Dante®*3-Audionetzwerke sowie NDI® und SRT*5

3,5-Zoll-Farb-LCD-Touchpanel für intuitive Bedienung und Anzeige der Kameraausgabe.

Unkomprimierte optische Übertragung zwischen Kamera und CCU über Entfernungen bis ca. 2,000m.*6

High-speed shooting (Future Update): Up to 4x in HD*7 and 2x in 4K.*8

Uncompressed or JPEG-XS 4K/HD IP transmission with ST 2110/NMOS option.*2





AK-UCU700 series

<https://eu.connect.panasonic.com/de/de/broadcast-proav/zubehoer/ak-ucu700-series>

Camera Control Unit (CCU) -> General 100 V - 240 V AC, 50 Hz/60 Hz

-> **Power Supply**

Camera Control Unit (CCU) -> General 550 W

-> **Power Consumption** (Without camera connected: 130 W)

Camera Control Unit (CCU) -> General AC 240 V (tolerance 5%), 1.46 A, 50 Hz/60 Hz

-> **Capacity for Supplying Power to a**

Camera

Camera Control Unit (CCU) -> General 0 °C to 40 °C (32 °F to 104 °F)

-> **Operating Temperature**

Camera Control Unit (CCU) -> General 10 % to 90 % (no condensation)

-> **Humidity**

Camera Control Unit (CCU) -> General -20 °C to 60 °C (-4 °F to 140 °F)

-> **Storage Temperature**

Camera Control Unit (CCU) -> General AK-UCU700: Approx. 9.1 kg (20.02 lb)

-> **Weight**

Camera Control Unit (CCU) -> General W 424 mm x H 88.5 mm x D 400 mm

-> **Dimensions** (16-11/16 inches x 3-15/32 inches x 15-3/4 inches)
(excluding protrusions)

Camera Control Unit (CCU) -> 3G/HD-SDI: 5 lines

Input/Output -> Video Output *2 12G/6G/3G/HD-SDI: 2 lines

HD-SDI: 1 line (shared with picture monitor output *1)

Camera Control Unit (CCU) -> 3G/HD-SDI: 1 line

Input/Output -> HD TRUNK output

Camera Control Unit (CCU) -> 3G/HD-SDI: 1 line

Input/Output -> AUX Output

Camera Control Unit (CCU) -> 3G/HD-SDI: 4 lines

Input/Output -> Return Input

Camera Control Unit (CCU) -> 3G/HD-SDI: 1 line

Input/Output -> HD TRUNK

(Prompter) input

Camera Control Unit (CCU) -> BB (black burst) / tri-level *2: 1 line

Input/Output -> Reference Input (automatic termination, connect to upper connector; BB signal and tri-level *2 signal automatically recognized, with loop-through output)

Camera Control Unit (CCU) -> 0 dBm/600 Ω, 2 lines (XLR, 3-pin, male)

Input/Output -> Microphone Output

Camera Control Unit (CCU) -> Intercom input/output (ENG/ PROD, 0 dBm, 600 Ω (4 W) /

Input/Output -> Communication 1 V [p-p], 200 Ω (RTS), 4 W / RTS / CLRCOM): 2 lines *2

V [p-p], 200 Ω (RTS), 4 W / RTS / CLRCOM): 2 lines *2

PGM input (0 dBm/600 Ω): 2 lines *2

Tally input (red, green, yellow): 1 input each

Camera Control Unit (CCU) -> Tally output (red, green) Alarm output Output from each of the open collectors

Input/Output -> Tally Output

Camera Control Unit (CCU) -> RS-422

Input/Output -> ROP 1 line, 16 V DC output

Camera Control Unit (CCU) -> RS-422 1 line, GPI for control

Input/Output -> MSU

Camera Control Unit (CCU) -> LAN connection with camera side via an optical cable

Input/Output -> LAN TRUNK 1 line

Camera Control Unit (CCU) -> Personal computer connection for distribution via the Web

Input/Output -> LAN 1 line

Camera Control Unit (CCU) -> 3.5 inch color LCD monitor, touch panel supported

Input/Output -> LCD monitor

Camera Control Unit (CCU) -> SFP+/SFP28 x 2 (for ST 2110 connection)

Input/Output -> ST 2110 *3 * When AK-NP701G (sold separately) is installed.

Camera Control Unit (CCU) -> RJ45 x 2 (Primary, Secondary)

Input/Output -> Dante® *4 * When AK-NP702G (sold separately) is installed.

Fußnote

1. Depending on the setting, only one of them can be selected at one time.
2. The BB (black burst) signal and tri-level sync signal of the reference input are recognized automatically.
3. Standard in AK-UCU710S/UCU710 and optional in AK-UCU700S/UCU700 (requires ST 2110 interface board sold separately).
4. Standard in AK-UCU710S/UCU710 and optional in AK-UCU700S/UCU700 (requires Dante® interface board AK-NP702G sold separately).