



Die CCU unterstützt die gleichzeitige UHD- und HD-Ausgabe und bietet zugleich ein kompaktes Format. Der HD-Modus ermöglicht die Ausgabe in 240p, 180p und 120p während des normalen Filmens.

AK-UCU600

Die Kamerasteuerungseinheit (CCU) AK-UCU600 unterstützt die unkomprimierte Übertragung von 4K-/HD-Videosignalen über große Entfernungen mit Glasfasertechnik.

Key Features

Umfasst ein duales UHD 12G-SDI-System und unterstützt 3G-SDI Quad Link und 2-Sample Interleave

Übertragung unkomprimierter Videosignale per Glasfasertechnik über eine Entfernung von rund 2.000m zwischen Kamera und CCU

Unterstützt TICO über SDI (4K über 3G-SDI)-Ausgabe (4K-Signal kann über ein herkömmliches 3G-SDI-Kabel übertragen werden)

Unterstützt die gleichzeitige HDR/SDR-Ausgabe und die gleichzeitige HDR BT2020/B709-Ausgabe

Unterstützt IP-Streaming (100 Base-T)





AK-UCU600

<https://eu.connect.panasonic.com/de/de/broadcast-proav/zubehoer/ak-ucu600>

Camera Control Unit (CCU) -> General	AK-UCU600PJ/AK-UCU600PSJ 100 V - 120 V AC, 50 Hz/60 Hz
-> Power Supply	AK-UCU600EJ/AK-UCU600ESJ 100 V - 240 V AC, 50 Hz/60 Hz
Camera Control Unit (CCU) -> General	500 W (Without camera connected: 90 W)
-> Power Consumption	
Camera Control Unit (CCU) -> General	240 V AC (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	Approx. 8.9 kg (19.6 lb)
-> Weight	
Camera Control Unit (CCU) -> General	W 424 mm x H 88 mm x D 401 mm (16-5/8 inches x 3-7/16 inches x 15-13/16 inches)
-> Dimensions	(excluding protrusions)
Camera Control Unit (CCU) -> Input/Output -> Video Output *2	3G/HD-SDI:5 lines (embedded audio is supported only for HD signals) 12G/6G/3G/HD-SDI:2 lines HD-SDI:1 line (shared with picture monitor output) Analog composite:2 lines (1 line shared with picture monitor output *1)
Camera Control Unit (CCU) -> Input/Output	HD-SDI 1 line (HD TRUNK output) 3G/HD-SDI 1 line (TICO output)
Camera Control Unit (CCU) -> Input/Output -> Return Input	3G-HD/HD/SD-SDI 4 lines (RET1 input has active-through output) Analog composite 1 line
Camera Control Unit (CCU) -> Input/Output -> Prompter Input	HD-SDI 1 line (with active-through output) Analog composite 2 lines (through output of 1 and input of 2 share the connector *1) It is not terminated when the unit is turned OFF. No through output.
Camera Control Unit (CCU) -> Input/Output -> Reference Input	BB (black burst) / tri-level *3: 1 line (automatic termination, connect to upper connector; BB signal and tri-level *3 signal automatically recognized, with loop-through output) 0 dBm/600 Ω, 2 lines (XLR, 3-pin, male)
Camera Control Unit (CCU) -> Input/Output -> Microphone Output	
Camera Control Unit (CCU) -> Input/Output -> Communication	Intercom input/output (ENG / PROD, 0 dBm, 600 Ω (4 W) / 1 V [p-p], 200 Ω (RTS), 4 W / RTS / CLRCOM); 2 lines *1 PGM input (0 dBm/600 Ω); 2 lines *1 Tally input (red, green, yellow); 1 input each
Camera Control Unit (CCU) -> Input/Output -> AUX	WFM control 6-bit (open collector output *1, terminal shared with camera microphone gain setting *1) Camera microphone gain setting input 5-bit (photo-coupler input *1, terminal shared with WFM control *1) Down-conversion system setting input 2-bit (photo-coupler input)
Camera Control Unit (CCU) -> Input/Output -> TRUNK *1	RS-422
Camera Control Unit (CCU) -> Input/Output -> ROP	1 line, 16 V DC output (only one of this and FRONT/REAR ROP can be selected at one time via the menu or the [ROP FRONT/REAR] selection switch on the front panel)
Camera Control Unit (CCU) -> Input/Output -> MSU	RS-422 1 line, GPI for control
Camera Control Unit (CCU) -> Input/Output -> LAN TRUNK	LAN connection with camera side via an optical cable *4 1 line, 100BASE-TX, 1000BASE-T
Camera Control Unit (CCU) -> Input/Output -> LAN	Personal computer connection for distribution via the Web *4 1 line, 10BASE-T, 100BASE-TX (use a crossover cable when connecting directly with a personal computer)
IP/12G/3G Interface Kit AK-NP600G -> General -> Operating Temperature	-> 0 °C to 40 °C (32 °F to 104 °F)
IP/12G/3G Interface Kit AK-NP600G -> General -> Operating Humidity	-> 10% to 90% (no condensation)
IP/12G/3G Interface Kit AK-NP600G -> General -> Weight	-> Approx. 284 g (0.63 lbs) (including radiator fins)
IP/12G/3G Interface Kit AK-NP600G -> General -> Dimensions	-> W 175.5 mm x H 28.8 mm x D 138.5 mm (6-29/32 inches x 1-1/8 inches x 5-7/16 inches)
IP/12G/3G Interface Kit AK-NP600G -> Input/Output -> < UHD/HS/HD SDI OUT1 > terminal	BNC x 1, 12G / 6G / 3G / 1.5G HD SDI: 0.8 V [p-p], 75 Ω
IP/12G/3G Interface Kit AK-NP600G -> Input/Output -> < UHD/HS/HD SDI OUT2 > terminal	BNC x 1, 12G / 6G / 3G / 1.5G HD SDI: 0.8 V [p-p], 75 Ω
IP/12G/3G Interface Kit AK-NP600G -> Input/Output -> < UHD/HS/HD SDI OUT3 > terminal	BNC x 1, 3G / 1.5G HD SDI: 0.8 V [p-p], 75 Ω

IP/12G/3G Interface Kit AK-NP600G - BNC x 1, 3G / 1.5G HD SDI: 0.8 V [p-p], 75 Ω	
> Input/Output - > < UHD/HS/HD SDI	
OUT4 > terminal	
IP/12G/3G Interface Kit AK-NP600G - BNC x 1, 1.5G HD SDI when HD TRUNK, 3G / 1.5G HD SDI when TICO : 0.8 V [p-p], 75 Ω	
> Input/Output - > < HD TRUNK/TICO	
OUT > terminal	
IP/12G/3G Interface Kit AK-NP600G - BNC x 1, 1.5G HD SDI: 0.8 V [p-p], 75 Ω	
> Input/Output - > < HD SDI/PROMPT	
IN > terminal	
IP/12G/3G Interface Kit AK-NP600G - SFP+ x 1, 10GBASE-LR	
> Input/Output - > < SFP+1 > slot	
IP/12G/3G Interface Kit AK-NP600G - SFP+ x 1, 10GBASE-LR	
> Input/Output - > < SFP+2 > slot	
IP/12G/3G Interface Kit AK-NP600G - RJ-45 x 1	
> Input/Output - > < LAN2 > terminal	
IP/12G/3G Interface Kit AK-NP600G -> Pillar (M3 x H20) x 1, Options rear panel x 1, Power cable x 1, Heat-transfer sheet x 1,	
Bundled Items	askets x 2
Fußnote	1. Depending on the setting, only one of them can be selected at one time. 2. For details on output formats, please see the "Supported formats". 3. The BB (black burst) signal and tri-level sync signal of the reference input are recognized automatically. 4. IP video cannot be transmitted when [CCU MODE] is set to [2160/23.98p], [2160/23.98PsF], [1080/23.98p], or [1080/23.98PsF].