



La CCU es compatible con la salida simultánea UHD y HD manteniendo un tamaño compacto. El modo HD permite la salida en 240p, 180p y 120p durante la filmación normal.

AK-UCU600

Con la unidad de control de cámara (CCU) AK-UCU600, puede realizarse una transmisión de larga distancia de señales de vídeo 4K/HD sin comprimir a través de fibra óptica.

Key Features

Contiene un doble sistema UHD 12G-SDI y es compatible con un enlace cuádruple 3G-SDI y un entrelazado de dos muestras

Transmisión por fibra óptica de señales de vídeo sin comprimir a lo largo de una distancia de aproximadamente 2.000 m entre la cámara y la CCU

Compatible con la salida TICO sobre SDI (4K sobre 3G-SDI) (la señal 4K puede transmitirse mediante un cable 3G-SDI convencional)

Compatible con salida simultánea HDR/SDR y salida simultánea HDR BT2020/B709

Compatible con streaming IP (100 Base-T)





AK-UCU600

<https://latam.connect.panasonic.com/pe/es/products/broadcast-proav/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<sup>*2</sup>	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)
Camera Control Unit (CCU) -> Input/Output -> Microphone Output	0 dBm/600 Ω, 2 lines (XLR, 3-pin, male)
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<sup>*1</sup>	RS-422 / RS-232C 2 lines
Camera Control Unit (CCU) -> Input/Output -> ROP	RS-422
	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 ->0 °C to 40 °C (32 °F to 104 °F)	
General -> Operating Temperature	
IP/12G/3G Interface Kit AK-NP600G ->10% to 90% (no condensation)	
General -> Operating Humidity	
IP/12G/3G Interface Kit AK-NP600G ->Approx. 284 g (0.63 lbs) (including radiator fins)	
General -> Weight	

IP/12G/3G Interface Kit AK-NP600G	->W 175.5 mm x H 28.8 mm x D 138.5 mm
General -> Dimensions	(6-29/32 inches x 1-1/8 inches x 5-7/16 inches)
IP/12G/3G Interface Kit AK-NP600G	- BNC x 1, 12G / 6G / 3G / 1.5G HD SDI : 0.8 V [p-p], 75 Ω
> Input/Output - > < UHD/HS/HD SDI	
OUT1	> terminal
IP/12G/3G Interface Kit AK-NP600G	- BNC x 1, 12G / 6G / 3G / 1.5G HD SDI: 0.8 V [p-p], 75 Ω
> Input/Output - > < UHD/HS/HD SDI	
OUT2	> terminal
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	
OUT3	> terminal
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, askets x 2
Bundled Items	
Footnote Description	

Depending on the setting, only one of them can be selected at one time.

For details on output formats, please see the "Supported formats".

The BB (black burst) signal and tri-level sync signal of the reference input are recognized automatically.

IP video cannot be transmitted when [CCU MODE] is set to [2160/23.98p], [2160/23.98PsF], [1080/23.98p], or [1080/23.98PsF].