



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/mx/es/products/broadcast-proav/ak-ucu600>

<b>Camera Control Unit (CCU) -&gt; General</b>	AK-UCU600PJ/AK-UCU600PSJ 100 V - 120 V AC, 50 Hz/60 Hz
<b>-&gt; Power Supply</b>	AK-UCU600EJ/AK-UCU600ESJ 100 V - 240 V AC, 50 Hz/60 Hz
<b>Camera Control Unit (CCU) -&gt; General</b>	500 W (Without camera connected: 90 W)
<b>-&gt; Power Consumption</b>	
<b>Camera Control Unit (CCU) -&gt; General</b>	240 V AC (tolerance: 5 %), 1.46 A, 50 Hz / 60 Hz
<b>-&gt; Capacity for Supplying Power to a Camera</b>	
<b>Camera Control Unit (CCU) -&gt; General</b>	0 °C to 40 °C (32 °F to 104 °F)
<b>-&gt; Operating Temperature</b>	
<b>Camera Control Unit (CCU) -&gt; General</b>	10 % to 90 % (no condensation)
<b>-&gt; Humidity</b>	
<b>Camera Control Unit (CCU) -&gt; General</b>	Approx. 8.9 kg (19.6 lb)
<b>-&gt; Weight</b>	
<b>Camera Control Unit (CCU) -&gt; General</b>	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)
<b>-&gt; Dimensions</b>	(excluding protrusions)
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; Video Output&lt;sup&gt;*2&lt;/sup&gt;</b>	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 <sup>*1</sup> )
<b>Camera Control Unit (CCU) -&gt; Input/Output</b>	HD-SDI 1 line (HD TRUNK output)
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; Return Input</b>	3G/HD-SDI 1 line (TICO output)
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; Return Input</b>	3G-HD/HD/SD-SDI 4 lines (RET1 input has active-through output) Analog composite 1 line
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; Prompter Input</b>	HD-SDI 1 line (with active-through output) Analog composite 2 lines (through output of 1 and input of 2 share the connector <sup>*1</sup> ) It is not terminated when the unit is turned OFF. No through output.
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; Reference Input</b>	BB (black burst) / tri-level <sup>*3</sup> : 1 line (automatic termination, connect to upper connector; BB signal and tri-level <sup>*3</sup> signal automatically recognized, with loop-through output)
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; Microphone Output</b>	0 dBm/600 Ω, 2 lines (XLR, 3-pin, male)
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; Communication</b>	Intercom input/output (ENG / PROD, 0 dBm, 600 Ω (4 W) / 1 V [p-p], 200 Ω (RTS), 4 W / RTS / CLRCOM):2 lines <sup>*1</sup> PGM input (0 dBm/600 Ω):2 lines <sup>*1</sup> Tally input (red, green, yellow):1 input each
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; AUX</b>	WFM control 6-bit (open collector output <sup>*1</sup> , terminal shared with camera microphone gain setting <sup>*1</sup> ) Camera microphone gain setting input 5-bit (photo-coupler input <sup>*1</sup> , terminal shared with WFM control <sup>*1</sup> ) Down-conversion system setting input 2-bit (photo-coupler input)
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; TRUNK&lt;sup&gt;*1&lt;/sup&gt;</b>	RS-422 / RS-232C 2 lines
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; ROP</b>	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)
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; MSU</b>	RS-422 1 line, GPI for control
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; LAN TRUNK</b>	LAN connection with camera side via an optical cable <sup>*4</sup> 1 line, 100BASE-TX, 1000BASE-T
<b>Camera Control Unit (CCU) -&gt; Input/Output -&gt; LAN</b>	Personal computer connection for distribution via the Web <sup>*4</sup> 1 line, 10BASE-T, 100BASE-TX (use a crossover cable when connecting directly with a personal computer)
<b>IP/12G/3G Interface Kit AK-NP600G -&gt; General -&gt; Operating Temperature</b>	->0 °C to 40 °C (32 °F to 104 °F)
<b>IP/12G/3G Interface Kit AK-NP600G -&gt; General -&gt; Operating Humidity</b>	->10% to 90% (no condensation)
<b>IP/12G/3G Interface Kit AK-NP600G -&gt; General -&gt; Weight</b>	->Approx. 284 g (0.63 lbs) (including radiator fins)

<b>IP/12G/3G Interface Kit AK-NP600G</b>	->W 175.5 mm x H 28.8 mm x D 138.5 mm
<b>General -&gt; Dimensions</b>	(6-29/32 inches x 1-1/8 inches x 5-7/16 inches)
<b>IP/12G/3G Interface Kit AK-NP600G</b>	- BNC x 1, 12G / 6G / 3G / 1.5G HD SDI : 0.8 V [p-p], 75 Ω
> <b>Input/Output</b> - > < <b>UHD/HS/HD SDI</b>	
<b>OUT1</b>	> terminal
<b>IP/12G/3G Interface Kit AK-NP600G</b>	- BNC x 1, 12G / 6G / 3G / 1.5G HD SDI: 0.8 V [p-p], 75 Ω
> <b>Input/Output</b> - > < <b>UHD/HS/HD SDI</b>	
<b>OUT2</b>	> terminal
<b>IP/12G/3G Interface Kit AK-NP600G</b>	- BNC x 1, 3G / 1.5G HD SDI: 0.8 V [p-p], 75 Ω
> <b>Input/Output</b> - > < <b>UHD/HS/HD SDI</b>	
<b>OUT3</b>	> terminal
<b>IP/12G/3G Interface Kit AK-NP600G</b>	- BNC x 1, 3G / 1.5G HD SDI: 0.8 V [p-p], 75 Ω
> <b>Input/Output</b> - > < <b>UHD/HS/HD SDI</b>	
<b>OUT4</b>	> terminal
<b>IP/12G/3G Interface Kit AK-NP600G</b>	- BNC x 1, 1.5G HD SDI when HD TRUNK, 3G / 1.5G HD SDI when TICO : 0.8 V [p-p], 75 Ω
> <b>Input/Output</b> - > < <b>HD TRUNK/TICO</b>	
<b>OUT</b>	> terminal
<b>IP/12G/3G Interface Kit AK-NP600G</b>	- BNC x 1, 1.5G HD SDI: 0.8 V [p-p], 75 Ω
> <b>Input/Output</b> - > < <b>HD SDI/PROMPT</b>	
<b>IN</b>	> terminal
<b>IP/12G/3G Interface Kit AK-NP600G</b>	- SFP+ x 1, 10GBASE-LR
> <b>Input/Output</b> - > < <b>SFP+ 1</b>	> slot
<b>IP/12G/3G Interface Kit AK-NP600G</b>	- SFP+ x 1, 10GBASE-LR
> <b>Input/Output</b> - > < <b>SFP+ 2</b>	> slot
<b>IP/12G/3G Interface Kit AK-NP600G</b>	- RJ-45 x 1
> <b>Input/Output</b> - > < <b>LAN2</b>	> terminal
<b>IP/12G/3G Interface Kit AK-NP600G</b>	->Pillar (M3 x H20) x 1, Options rear panel x 1, Power cable x 1, Heat-transfer sheet x 1,
<b>Bundled Items</b>	askets x 2
<b>Footnote Description</b>	

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].