Panasonic
CONNECT

4K CCU with Enhanced IP Connectivity,Including Support for ST 2110, The Industry's First*1 Dante®, NDI and SRT.

Serie AK-UCU700

4K CCU with Enhanced IP Connectivity,Including Support for ST 2110, The Industry's First*1 Dante®, NDI and SRT. The AK-UCU700 CCU supports the next-generation SMPTE ST 2110*2 IP-transmission standard as well as JPEG-XS to uncompress/compress 4K video by a factor of 10 without degrading quality. As the industry's first*1 studio camera system to support the Dante®*3 network audio standard as well as the NDI® (High Bandwidth NDI®)*4 and SRT (Secure Reliable Transport)*5 IP transmission standards, Panasonic Connect's new CCU realizes diverse networks and applications for IP studio camera systems.

Key Features

Simultaneous output of HDR and SDR (BT.2020 and BT.709).

Eight standard outputs, including two 12G-SDI outputs.

Compatibility with the ST 2110*2 and industry-first support for Dante®*3 audio network as well as NDI® and SRT*5

3.5-inch color LCD touch panel for intuitive operation and viewing camera output.

Uncompressed optical transmission between camera and CCU over distances up to about 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

Serie AK-UCU700

LAN	1 line,
Peso	AK-UCU700: Approx. 9.1 kg (20.1 lb), AK-UCU710: Approx. 9.3 kg (20.5 lb)
Dimensiones (AnxAlxP)	424 mm x 88.5 mm x 400 mm (16-5/8 inches x 3-1/2 inches x 15-3/4 inches)
	(excluding protrusions)
Temperatura de funcionamiento	0 °C to 40 °C (32 °F to 104 °F)
Power Consumption	550 W (Without camera connected: 130 W)
AUX Output	3G/HD-SDI 1 line
Video Output	3G/HD-SDI 5 lines
	12G/6G/3G/HD-SDI 2 lines
	HD-SDI 1 line
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*2
	PGM input (0 dBm/600 Ω) : 2 lines
	Tally input (Red, Green, Yellow) : 1 input each
Humidity	10 % to 90 % (no condensation)
Power Supply	100 V - 240 V AC, 50 Hz/60 Hz
Capacity for Supplying Power to a Camera	240 V AC , 1.46 A , 50 Hz / 60 Hz
Microphone Output	0 dBm/600 Ω, 2 lines (XLR, 3-pin, male)
MSU	RS-422
	1 line, GPI for control
LAN Trunk	1 line,
Reference Input	BB (black burst) / tri-level*1 : 1 line
	(automatic termination, connect to upper connector; BB signal and tri-level signal automatically recognized, with loop-through output)
Return Input	3G/HD-SDI 4 lines
Tally Output	Tally Output (Red, Green), Alarm Output, Open collector output each
	AK-UCU710: SFP+/SFP28 slot* x 2 (for ST 2110 connection),
	AK-UCU700: SFP+/SFP28 slot* x 2 (for ST 2110 connection) when AK-NP701G (sold separetely) is installed.
	AK-UCU710: RJ45 x 2 (Primary/Secondary),
	AK-UCU700: RJ45 x 2 (Primary/Secondary) when AK-NP702G (sold separetely) is installed.
	RJ45 x 1 (for IP video streaming, SRT, and NDI®) * When AK-NP703G (sold separately) is installed.
HD Trunk Output	3G/HD-SDI 1 line
	3G/HD-SDI 1 line
	RS-422
	1 line, 16 V DC output