



High-quality, long-distance optical fibre transmission

AK-HCU200

The camera control unit AK-HCU200E allows a high-quality, long-distance optical fibre transmission camera system to be configured at low cost. The optical fibre transmission is supporting uncompressed video signals over a distance of approximately 1.000 m between the camera and camera control unit. The compact, lightweight unit measures 2U in height and is rack-mountable. Additionally the AK-HCU200E has a built-in cross converter supporting 720p/59,94 and 720p/50.

Key Features

Optical fiber transmission

IP Protocol

Cost effective



AK-HCU200

<https://eu.connect.panasonic.com/be/en/products/broadcast-proav/ak-hcu200>

Power Supply	100 V to 240 V AC, 50Hz/60 Hz
Power Consumption	170 W (Without CAMERA connected: 32 W)
Capacity for Supplying Power to a Camera	190 V DC, 0.6 A
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity	10 % to 90 % (no condensation)
Weight	Approx. 6.6 kg (approx. 14.6 lb)
Dimensions (W x H x D)	424 mm x 88 mm x 400 mm (16-11/16 inches x 3-7/16 inches x 15-3/4 inches) Excluding protrusions
Video Output	HD-SDI/SD-SDI: 4 lines (2 lines shared with picture monitor output*1) Analog composite: 1 line (1 line shared with picture monitor output*1)
Output Format	1080/59.94i, 1080/50i, 1080/29.97PsF*2, 1080/25PsF*2, 1080/23.98PsF*2, 720/59.94p, 720/50p
Return Input	HD-SDI/SD-SDI: 2 lines (switched depending on the setting) VBS: 1 line
Prompter Input	1 line, Analog composite
Reference Input	1 line (1 loop-through line) Black burst/tri-level*3
Microphone Output	2 lines (XLR, 3-pin, male), 0 dBm/600 Ω
Intercom	XLR, 5-pin, female Input: -55 dBu to -10 dBu Output: 100 mW (max.)
Communication	Intercom input/output: 2 lines (1/2*1) (0 dBm, 600 Ω, RTS/4W*1) PGM: 1 line, input (0 dBm/600 Ω) Tally input: Red, Green, 1 input each
ROP Interface	RS-422, 1 line, 12 V output
MSU Interface	RS-422, 1 line, GPI for control
LAN Port	1 line (8-pin, RJ45)
Note	*1: Depending on the setting, only one of them can be selected at one time. *2: The 1080/29.97PsF, 1080/25PsF and 1080/23.98PsF formats must be selected at the camera. *3: The black burst signal and tri-level sync signal of the reference input are recognized automatically.