AK-HCU200

Camera Control Unit (CCU)

AK-HCU200P/HCU200E (Tajimi connector model)
AK-HCU200PS/HCU200ES (LEMO connector model)

Allows a High-Quality, Uncompressed, Long-Distance Optical Fiber Transmission Camera System to Be Configured at Low Cost

High-Definition, Long-Distance, Optical Digital Transmission
By connecting the CCU and the AK-HC3800 Studio Handy Camera by optical fiber cable, uncompressed digital signals can be transmitted with high quality. The cable between the camera and the CCU can be extended up to approximately 1,200 m (1,312 yards).*1
*1: When power is supplied from the CCU.

HD Multi-Format Supported
The AK-HCU200 is 59.94 Hz/50 Hz switchable, and supports 1080/59.94i, 1080/50i, 1080/29.97PsF,*2 1080/25PsF,*2 1080/23.98PsF,*2 720/59.94p, and 720/50p HD formats.
*2: The 1080/29.97PsF, 1080/25PsF and 1080/23.98PsF formats must be selected at the camera.

Prompter Supported
Two SDI channels and one VBS channel are provided for RET input, and prompter input (analog video signal input) is included as standard. Prompt signals input to the CCU can be output from the prompter terminal on the camera side.

HD/SD Simultaneous Operation
Two SDI OUT and two SDI OUT (PM) lines are provided. In addition to HD video signal output, SD downconverted video signal output (SDI, analog composite) comes as standard. SD monitoring is also possible.

IP Connection Camera Remote
Multiple AK-HRP200G Remote Operation Panels and up to 19 AK-HCU200 Camera

Control Units can be routed through a hub with IP connection. Camera control units on a LAN can be freely controlled by the remote operation panels for highly versatile operation.

Compatibility with ROP/MSU
The AK-HRP935 Remote Operation Panel or AK-MSU935 Master Setup Unit can also be used for serial remote control of the AK-HCU200 camera control unit.*3
*3: Only functions that are supported by the CCU can be controlled by the AK-MSU935 or AK-HRP935.

2U Rack Mounting Size
The 2U height of this compact, lightweight unit allows 2U rack mounting.

Setting Up CCU with a PC
When connecting a CCU and PC by IP connection, the CCU set-up menu can be displayed and changed on the PC's web browser.

Bar ID Display Output
Text can be superimposed onto the color bar output signal. Displaying the video source and other information in this way is convenient during system set-up and standby.

SD Memory Cards Supported
The SD memory card slot allows CCU setting data to be saved on an SD memory card. Firmware updates can also be handled by SD memory card.

AK-HCU200 front panel and rear panel

System Configuration and Interface

AJ-MC700P Microphone

AJ-HVF21KG
AJ-CVF100G EVF

AK-HVF70G
17.8cm (7 inches) LCD Color Viewfinder

2/3-type HD Lens*1

Income Headphone

Picture monitor (HD/SD SDI)

Wave monitor

Picture monitor (Analog SD)

G/L

HD/SD SDI OUT
RETURN IN
PROMPTER IN

PROMPTER OUT

Optical fiber multi cable
Max. 1,200 m / 1,312 yards

AK-HC3800 Studio Handy Camera

Lens operation system accessories

DC IN

DC OUT
DC12 V (max. 1 A)

SHAN-TM700 Tripod Adapter

SD memory card

Pedestal System

AK-HCU200 Camera Control Unit

SD memory card   Income Headphone

ROP Cable (Option)
Max. 50 m / 164 feet

SD memory card

ETHER NET *2

HUB   *2

AK-HRP200G Remote Operation Panel

ETHER NET (Cross)

MSU

PC

Master Setup Unit (MSU)

*1: Panasonic recommends the use of CAC-compatible lenses recommended by each manufacturer.
*2 AK-HRP200G require external power supply.