

HKCU-SM100

CCU extension adaptor



Overview

Long-distance transmission up to 10 km on single mode fibre between CCU and 4K, HSC and HDC series cameras

The HKCU-SM100 CCU extension adaptor works with the HDCE-100 camera extension adaptor to meet the fast-growing demand for an affordable total system solution for long-distance transmission with single mode fibre cable (SMF).

The HKCU-SM100 and the HDCE-100 are designed for easily converting the cable format between the camera head and base station Camera Control Unit (CCU) from SMPTE optical fibre to SMF. The HDCE-100 on its own extends the distance between camera head and CCU. With the HKCU-SM100, the maximum distance extends to 10 km.

In 4K camera systems, the HDCE-100 and HKCU-SM100 can be utilised with the BPU-4000 baseband processor unit to supply power to the CA-4000 camera system adaptor or HDC-4300 camera.

Easy conversion from optical fibre to single mode fibre

Easy conversion of the cable format between the camera head and base station Camera Control Unit (CCU) from SMPTE optical fibre to single mode fibre cable (SMF).

Long-distance transmission

Provides transmission on single mode fibre between CCU and 4K, HSC and HDC series cameras of up to 10 km.

Features

Long-distance transmission on single mode fibre cable
With the HKCU-SM100 and HDCE-100, a maximum distance of 10 km can be achieved between the camera and a base station CCU using single mode fibre cable (SMF).

Flexible and affordable camera system solution
This total solution from Sony does not require a major investment. Just add these two adaptors to your existing 4K, HDC or HSC Series camera systems, and you can achieve long-distance transmission at a low cost.

Specifications

General	
Operating temperature	-10 °C to +40 °C (14 °F to 104 °F)
Storage temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Mass	Approx. 0.3 kg (11 oz)
Dimensions (w/h/d)	55 × 35 × 191 mm (2 1/4 × 1 7/16 × 7 5/8 inches) (with protrusions)
Connectors	

Optical fiber connector (1)

Connectors

ST connector for single mode fiber (2)

Signals carried

CAMERA to CCU

Camera Video, Audio (INCOM, MIC)

CCU to CAMERA

Return video, Prompter video, Audio (INCOM, PGM)

Supplied accessories

Supplied accessories

Operation manual (1)

Related products



HDCE-100

Single mode fibre adapter for HSC and HDC fibre cameras



HDCE-200

Camera extension adaptor



CA-4000

4K fibre transmission camera adaptor



HDCU-2000

Full-rack-size Camera Control Unit for HDC Series cameras



HDCU-2500

Half-rack-size Camera Control Unit for HDC Series



HDC-4300

4K/HD System Camera



BPU-4500A

4K/HD baseband processor unit for IP network production



HDC-2400

3G multi format HD system camera

cameras



HDC-2500

3G double-speed
multi format HD
system camera



BPU-4000

4K base band
processor unit



HDC-1700

Multi format HD
portable system
camera



HDC- 2000B

3G double-speed
multiformat HD
studio system
camera (black)

Gallery

