

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

