

## 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

Connectors	Optical fiber connector (1) ST connector for single mode fiber (2)
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## 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)
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## Related products



### HDC-4300

4K/HD System Camera



### HDCE-100

Single mode fibre adapter for HSC and HDC fibre cameras



### CA-4000

4K fibre transmission camera adaptor



### HDC-2400

3G multi format HD system camera



### HDC-2500

3G double-speed multi format HD system camera



### HDC-1700

Multi format HD portable system camera



### BPU-4000

4K base band processor unit



### HDC-2000B

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



## **HDCU- 2000**

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



## **HDCU- 2500**

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



## **BPU- 4500A**

4K/HD baseband  
processor unit for IP  
network production

## Gallery

