

# 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**

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

			
<b>HDCE-100</b> Single mode fibre adapter for HSC and HDC fibre cameras	<b>HDCE-200</b> Camera extension adaptor	<b>CA-4000</b> 4K fibre transmission camera adaptor	<b>HDCU-2500</b> Half-rack-size Camera Control Unit for HDC Series cameras
			
<b>HDCU-2000</b> Full-rack-size Camera Control Unit for HDC Series cameras	<b>HDC-4300</b> 4K/HD System Camera	<b>BPU-4500A</b> 4K/HD baseband processor unit for IP network production	<b>HDC-2400</b> 3G multi format HD system camera
			
<b>HDC-2500</b> 3G double-speed multi format HD system camera	<b>BPU-4000</b> 4K base band processor unit	<b>HDC-1700</b> Multi format HD portable system camera	<b>HDC-2000B</b> 3G double-speed multiformat HD studio system camera (black)

## Gallery

