

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

			
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-2500 Half-rack-size Camera Control Unit for HDC Series cameras
			
HDCU-2000 Full-rack-size Camera Control Unit for HDC Series cameras	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
			
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

