

SONY

Camera Extension Adaptor

HDCE-100

CCU Extension Adaptor

HKCU-SM100



Many sports facilities including stadiums, golf courses, race tracks and winter sports venues utilize a single mode fiber cable on a temporary or permanent basis for long distance camera transmission.

To meet the fast-growing demand for an affordable solution to long-distance transmission with single mode fiber cable (SMF), Sony has introduced the HKCU-SM100 CCU extension adaptor and HDCE-100 camera extension adaptor. With these newly released products, Sony now offers a total system solution from camera head to CCU using single mode fiber.

Easy conversion from optical fiber to single mode fiber

The HKCU-SM100 and the HDCE-100 are designed for easily converting the cable format between the camera head and base station (CCU) from SMPTE optical fiber to SMF. In addition, the HDCE-100 can also be utilized with the BPU-4000 baseband processor unit, and supplies power to the CA-4000 camera system adaptor.

Long-distance transmission

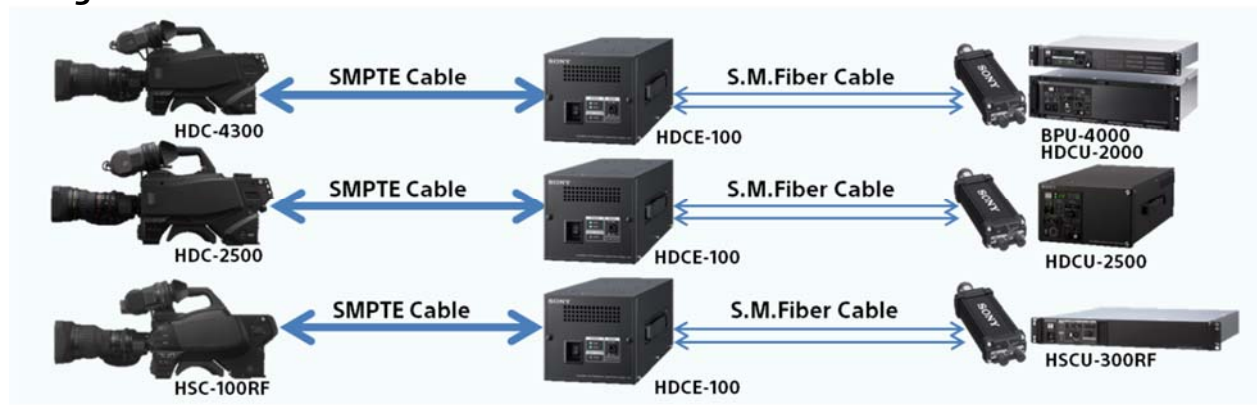
With the HKCU-SM100 and HDCE-100, a maximum distance of 10 kilometers can be achieved between the camera and a base station CCU.

Flexible and affordable camera system solution

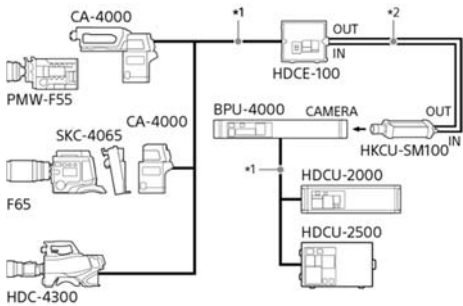
This total solution from Sony does not require a major investment. Just add these two adaptors to your existing HDC or HSC Series camera system, and you can achieve long-distance transmission at a low cost.



System Configurations

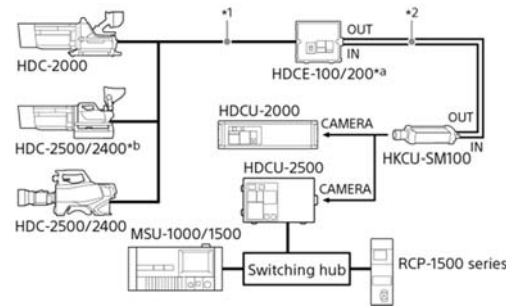


4K camera



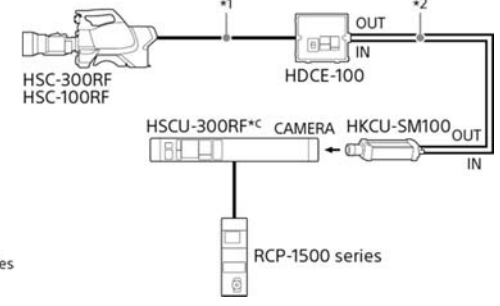
*1 Optical fiber cable
*2 Single mode fiber cables (2)

HDC series camera



*a When using the HDCE-200, the HKC-SM27 single mode fiber kit is required.
*b When connected to a large lens adaptor (HDLA-1500 series)
*c Set "Laser Diode" to "ON" in the menu of the HSCU-300RF.

HSC series camera

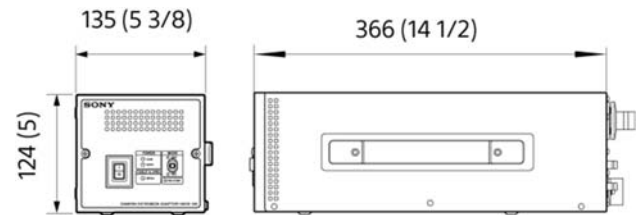


HDCE-100



HDCE-100 Dimensions

Unit: mm (inches)



HKCU-SM100	
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)
	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	
Operation manual (1)	

HDCE-100	
General	
Power requirements	AC 100 V to 240 V, 50/60 Hz
Power consumption	4.5 A max.
Operating temperature	5 °C to 40 °C (41 °F to 104 °F)
Storage temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Mass	Approx. 4.0 kg (8 lb 13 oz)
Input/output connector	
CAM/BPU	Optical fiber connector (1)
Input connectors	
AC IN	AC IN connector for 100 V to 240 V (1)
CCU IN	ST connector for single mode fiber (1)
Output connector	
CCU OUT	ST connector for single mode fiber (1)
Signals carried	
CAMERA to CCU	Camera video, Audio (INCOM, MIC)
CCU to CAMERA	Return video, Prompter video, Audio (INCOM, PGM)
Supplied accessories	
B4 × 4 screw (for rack mount) (4), Operation guide (1), Operation manual (CD-ROM) (1)	