SONY

HDCE-100

Single mode fiber adapter for HSC and HDC fiber cameras



Overview

Enables SMPTE-311M to single mode fiber adaptation for HSC or HDC Series, providing power supply to the camera head

The HDCE-100 camera extension adaptor can convert the SMPTE-311M fiber from HSC or HDC Series to single mode fiber for long distance transmissions. The HDCE-100 provides the power supply to the camera head, avoiding the need for local power supply in the field. The HDCE-100 can also supply power to the 4K live camera through a BPU-4000 baseband processor unit when a CCU is not used for the simple 4K live systems.

Long-distance HD production

Long-distance transmission over a single mode fiber cable.

Power Supply to the Camera Head available

The HDCE-100 provides power supply to the camera head through the SMPTE-311M fiber connection to avoid the need of DC local power supply.

Supply power to the 4K live camera through BPU-4000

Supply power to the 4K live camera through a BPU-4000 baseband processor unit when a CCU is not used for the simple 4K live system.

Features

Long-distance HD production with single mode fiber cable
The HDCE-100 provides long-distance transmission from a camera to a Camera Control Unit (CCU) with single mode fiber cable.

Supply power to the cameras
The HDCE-100 can power the camera head by its SMPTE-311M fiber. If connecting the HDCE-100 to a BPU-4000 baseband processor, users can also supply power to the 4K live camera F55 + CA-4000.

3U rack mount unit
The HDCE-100 weighs approx. 4 kg and is 145 x 124 x 365 mm (W x H x D), fitting into a 19-inch rack mount.

Specifications

General	
Power Requirements	100 to 240 V AC, 50/60 Hz
Current 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)
Weight	Approx. 4.0 kg (8 lb 13 oz.)

Input/Output Connectors	
CAMERA	Optical fiber connector (1)
CCU	ST connector for single mode fiber (1)
AC IN	100 - 240 V AC connector (1)

Supplied Accessories	
Supplied accessories	B4 × 4 screw (for rack mount) (4) Operation guide (1) Operation manual (CD-ROM) (1)

Related products



HKCU-SM100

CCU extension adaptor



BPU-4500A

4K/HD baseband processor unit for IP network production

Gallery







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Export PDF : November 27 2026