SONY

HDCE-100

Single mode fibre adapter for HSC and HDC fibre cameras



Overview

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

The HDCE-100 camera extension adaptor can convert the SMPTE-311M fibre from HSC or HDC Series to single mode fibre 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 fibre cable.

Power Supply to the Camera Head available

The HDCE-100 provides power supply to the camera head through the SMPTE-311M fibre 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 fibre cable
The HDCE-100 provides long-distance transmission from a camera to a Camera Control Unit (CCU) with single mode fibre cable.

Supply power to the cameras
The HDCE-100 can power the camera head by its SMPTE-311M fibre. 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







© 2004 - 2026 Sony Corporation. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Features and specifications are subject to change without notice. The values for mass and dimension are approximate. All trademarks are the property of their respective owners.

Export PDF : November 3 2026