

# 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)<br>Operation guide (1)<br>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 : August 29 2026