

## 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

