

## 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)
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## Related products



### HKCU-SM100

CCU extension adaptor



### BPU-4500A

4K/HD baseband processor  
unit for IP network  
production

## Gallery

