

# HDCU-1700

HD Camera Control Unit for HDC-1700 cameras



## Overview

### Compact and lightweight Camera Control Unit for HDC-1700 system camera

The HDCU-1700 dedicated camera control unit (CCU) for the HDC-1700 camera is a 19-inch half-rack size portable CCU for fibre transmission. The HDCU-1700 can control camera menu settings and display the fibre condition on its front panel. It has an expansion slot for the four HD/SD SDI outputs board; and the option board slot can be used for HKCU option cards to expand the CCUs output capability to include VBS out, PIX out, WFM out, and component video out.

## Features

### Long-distance fibre transmission

The HDCU-1700 multi format HD Camera Control Unit (CCU) uses uncompressed (SMPTE fibre hybrid cable with LEMO connectors) and is capable of long-distance signal transmission up to 2,000 metres.

### Features all major broadcast interfaces as standard

The HDCU-1700 handles all major broadcast interfaces, including HD/SD-SDI output (4x BNC) and HD/SD-SDI return input (3x BNC).

### Compact and lightweight design

The CCU is a half 19-inch-rack size with a lightweight 6.7 kg, making it ideal for installation in OB vans and other confined spaces.

### Menu operation accessible from front panel

The easy-to-access menu allows you to control the camera menu settings and display the fibre condition on the CCU front panel for easy setup without having to open the CCU.

## Specifications

| General                |  |
|------------------------|--|
| Power supply           | 100 V AC to 240 V AC, 50/60 Hz                                     |
| Operating temperature  | -10°C to +40°C (14°F to 104°F)                                     |
| Storage temperature    | -20°C to +60°C (-4°F to +140°F)                                    |
| Dimensions (W x H x D) | 202 x 127 x 410 mm (8 x 5 x 16 1/4 inches) (excluding protrusions) |
| Mass                   | 6.7 kg (14 lb 12 oz)   |

Input/Output

|                                |   |
|--------------------------------|---|
| Camera                         | Optical / electrical multi-connector (x1) ,<br>180V DC power supply |
| Intercom/Tally/PGM             | D-sub 25-pin (x1) female  |
| RCP/CNU                        | 8-pin (x1)  |
| TRUNK A                        | 12-pin (x1)   |
| TRUNK LINE                     | D-sub 9-pin (x1) female, RS-232C/422 system                         |
| LAN (RCP/MSU)                  | RJ-45 8-pin (x1)  |
| SDI (HD/SD) / VBS return input | BNC (x3) ( HD / SD)   |
| Prompter input                 | BNC (x2), loop-through output, VBS, 1 Vp-p,<br>75 Ω                 |
| Reference input                | BNC (x2), loop-through output                                       |
| Audio output (Ch1, Ch2)        | XLR 3-pin (x2) (male), 0 dBu / -20 dBu / +4 dBu                     |
| Mic remote                     | D-sub 15-pin (x1)   |
| Sync output                    | BNC (x1)  |
| Character output               | BNC (x1)  |
| HD-SDI / SD-SDI output         | BNC (x4)  |
|                                | * HZC-PSF20 is required.  |

## Gallery

