

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

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

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| Camera | Optical / electrical multi-connector (x1) , 180V DC power supply |
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| Intercom/Tally/PGM | D-sub 25-pin (x1) female |
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|---------|------------|
| RCP/CNU | 8-pin (x1) |
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| 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, 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

