

HKCU-HB10

3G Fibre Transmission Unit for
HDCU-1000



Overview

The HKCU-HB10 Fibre Transmission Unit is an upgrade for the HDCU-1000 CCU that doubles the signal transmission bitrate between the CCU and suitably equipped cameras to 3G (3 Gigabit/second). CCUs with this enhanced capability are able to work as a complete 1080/50p or 60p production system.

Upgraded CCUs and cameras will be ready for use in future 3G and 3D video environments.

Support 1080/50P, 60P signal output

3G High Bit Rate transmission between CAM-CCU to support 1080/50P, 60P signal output from CCU with SMPTE425M Single Link option capability

Support RGB 444 signal output.

3G High Bit Rate transmission between CAM-CCU to support RGB 444 signal output from CCU (This function will be added this autumn.)

Trunk Line Operation

Trunk Line Operation provides Dual Camera System 2CAM-2CCU or Sub-Camera system 2CAM- 1 CCU operation, which can offer less cabling operation

Support HD SDI Prompter signal transmission

HD SDI prompter can be configured, which is useful as high

quality prompter or floor monitor system.

Features

Supports 1080/50p, 60p signal output

3G High Bitrate transmission between the Camera and CCU.
Optional SMPTE425M Single Link capability

Supports RGB 444 signal output from the CCU*

High Bitrate transmission between the Camera and CCU
supports RGB 444 signal output from the CCU*

*this function to be added autumn 2010

Trunk Line operation

The new high bitrate capability can be used in Trunk Line mode to connect two cameras to two CCUs via single cable.

Alternatively, two cameras can be can be connected to one CCU, where the Sub camera's remote signal is added to that of the the Main camera. Both can be controlled separately from RCPs. Tally, Intercom and Audio do not function on the Sub camera in this operational mode.

Supports HD SDI Prompter signal transmission

The HKCU-HB10 can be configured to supply a signal to an HD SDI prompter for high quality prompting, or it can supply a floor monitor system.

Specifications

Generic Specifications

Power Consumption	7.9 W (HKC-HB15 only)
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Operating temperature	-20°C to +45°C (-4°F to +113°F)
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Dimensions (W x H x D) (excluding protrusions)	SDI-95 board: 154 × 102 mm (6 1/8 × 4 1/8 inches)
Mass	1.0 kg (2 lb 3 oz)
HD TRUNK IN	BNC (x1)
SDI 1	BNC (x1)

Gallery

