

HDC-2570

Multi-format HD portable system camera with digital triax transmission interface



Overview

High quality digital signal transmission over conventional triax cable

The HDC-2570 multi-format HD camera features digital triax transmission with a bandwidth that allows the transmission of 1080P or 2xSloMo signals (2x1080i) over triax. Furthermore, digital triax transmission does not suffer from a decrease of SNR (Signal to Noise Ratio) over longer extensions, so the high performance signal quality can be kept over the maximum extension of 1,400m (using 14.5mm triax cable).

High quality imaging

The HDC-2570 incorporates Sony's most advanced technologies for studio cameras. Three 2/3-inch CCD and Digital Signal Processing (DSP) with 16 bit A/D converter provides amazing picture quality with very few noise and high dynamic range. The HDC-2570 is a full feature part of the HDC-2500 Series and as such has compatibility with all the accessory items, such as viewfinders, large lens adaptors and remote control units.

Features

- **High quality digital signal transmission over conventional triax cable**

Existing triax infrastructure can be used with noneed to install additional cables up to distances of 1,400m (using 14.5mm triax cable).

- **Optional 3G fibre transmission or wireless transmission**

By exchanging the side-cover of the camera, the optional HKC-FB20 provides 3G fibre transmission, while optional third party wireless systems can easily be added to ensure transmission flexibility. It means that the camera can be used in various environments and the investment is future proofed.

- **Supports wide variety of frame rates as a standard**

1080i, 720P, 2x SloMo 1080i/720P HD frame rates are supported as a standard and can be used by simply pressing a button, with no further upgrade costs.

- **Optional 2xSloMo speed (1080i or 720P)**

2xSloMo signal and normal HDTV signal is available as an option in parallel as the output of the CCU. The camera can replace a SuperMotion camera plus a normal speed camera.

- **Dual Filter Wheel with 5 positions each**

Separate filter control for neutral density (incoming light) and colour temperature provides fine choice of exposure control by ND filters, to control depth-of-field. CC filters allow the adjustment of colour temperature of ambient light. Even shallow depth-of-field control is possible by using the ND filters and there is no increase in noise under high colour temperature conditions due to the use of CC filters.

- **Full compatibility with HDC-2500 Series accessories**

HDC-2570 is a full feature part of the HDC-2500 Series and as such has compatibility with all the accessory items, such as viewfinders, large lens adaptors and remote control panels.

- **Advanced CCD and Digital Signal Processing (DSP)**

The HDC-2750 provides incomparable picture quality due to three 2/3-inch Power HAD FX CCDs and 16-bit A/D converter, improved S/N Ratio, better low light and highlights handling. This enables more creative capabilities from variety shows to DMC productions and more realistic rendering of sport events.

Accessories

Control Panels



HDFX-200

Digital Triax to Fiber Converter for HDC-2xxx & HDC-1xxx series



HDTX-200

Fiber to Digital Triax converter for HDC-2xxx & HDC-1xxx series



MSU-1000

Master setup unit, multi camera remote control panel for HDC / HSC cameras (horizontal type)



MSU-1500

Master setup unit, multi camera remote control panel for HDC / HSC cameras (vertical type)



RCP-1000

Simple remote control panel with joystick type control



RCP-1500

Standard remote control panel with Joystick type control

Lens Adaptors



HDVF-20A

2-inch Type HD B/W CRT Viewfinder



HDVF-C550W

HD 5inch Colour Viewfinder for HD cameras



HDVF-C730W

6" Multi-format HD Colour LCD Viewfinder



HDVF-EL20

OLED 0.7-inch colour HD viewfinder



HDVF-EL30

OLED 0.7-inch colour Full HD viewfinder with 3.5-inch sub-LCD



HDVF-EL70

7.4-inch OLED Viewfinder for studio cameras



HDVF-EL75

7.4-inch OLED Viewfinder for portable cameras



HDLA-1500

HD Large Lens Adaptor



HDLA-1505

HD Large Lens Adaptor

Option Boards and Modules



HKC-T1500

CCD extension block
adaptor (up to 50m) for
HDC-
1500R/1550R/1400R/1450R

Viewfinders



HDVF-L10

3.5" Colour LCD HD
Viewfinder