

HDCU-3300

HD Super Motion Camera Control Unit



Overview

The HDCU-3300R is dedicated to working with the HDC-3300R camera. It connects via a high speed version of the SMPTE Hybrid Optical Fibre. The transmission format is digital so there is no discernable degradation with fibre connections up to 2500m in length. The camera captures full HD resolution images (1920 x 1080), at three times the frame rate of the common production standards. In addition to the normal camera control function, the CCU processes the incoming image data and re-formats it onto 3 HD-SDI outputs for direct connection to the playback server.

The CCU also outputs a real-time HD signal from the camera for maximum operational flexibility.

3x Speed Motion Capture

When used with the HDC-3300R Super Motion camera, the HDCU-3300R delivers 150/180i high speed video to any HD Slow Motion server system, using 3x HDSDI BNC video cables. Full HD resolution picture capture at 3x normal frame rate ensures smooth slow motion replay of superb HD images for all sports applications.

Single Speed Outputs

For live transmission, the HDCU-3300R includes a dedicated Digital Signal Processing chip to deliver conventional 50i/60i signals direct to the production switcher.

Digital Transmission System.

The camera video is delivered to the base station over a digital fibre optic cable link, ensuring no loss in signal quality, even at cable lengths of up to 2.5 km.

Simple Integration with other Sony HD camera systems

The HDCU-3300R uses the same control system as the HDC-1500/1000 camera family, ensuring simple system operation. Common connections for intercom, audio and remote control ease the system integration.

Comprehensive Video Outputs

Both HD and SD video signals can be taken from the HDCU-3300R, for programme and monitoring purposes.

Features

3U full rack unit

Enhanced range of output signals

Expandable Outputs

TCP-IP control interface



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