

BPU-4000

4K base band processor unit



Overview

Routes 4K signals from the PMW-F55 camera fitted with CA4000 4K fibre transmission adaptor

The BPU4000 works with the CA4000 to route 4K signals from the PMW-F55 Super 35mm 4K CMOS sensor camera. The BPU4000 generates 4K and HD signals at a similar colour matrix to match to the current Sony HD camera system, 4K and HD signal outputs simultaneously. The BPU4000 works with the HDCU-2000/2500 to permit the same system operation as the current HDC camera system.

4K migration path for HDC Series camera customers

The BPU4000 works with the same range of Remote Control Panels (RCPs) and Master Setup Units (MSUs) as current HDC Series system cameras, providing a future-proofed migration path for customers. The system works across standard SMPTE fibre cables for distances up to 2,000m.

This product contains pre-installed software and requires the purchase of licence keys to activate some functions.

Features

Routes 4K signals from the PMW-F55 camera fitted with CA4000

The BPU4000 works with the CA4000 to route 4K signals from the PMW-F55 Super 35mm 4K CMOS sensor camera. The BPU4000 generates 4K and HD signals at a similar colour matrix to match to the current Sony HD camera system, 4K and HD signal outputs simultaneously.

Supports HDCU-2000/2500 CCU operation

The BPU4000 works with the HDCU-2000/2500 to permit the same system operation as the current HDC camera system including Reference signal, Return Video signal, Tally, Intercom and Sony RCPs/MSUs.

4K fibre transmission up to 2,000m

The 4K Live system works across standard SMPTE fibre cables for distances up to 2,000m.

High Frame Rate recordings (Optional software)

The camera allows High frame rate (HFR) recordings up to 200 frames per second at 1080/50p

HD cut-out functionality (Optional software)

It is possible to cut out a Full HD image from the 4K picture in real-time, allowing, for example, for the camera to be in a fixed camera position and operator free giving a wide view of the action, an area of which can be selected by the director.

Can operate without HDCU-2000/25000 CCU

The BPU4000 works without the HDC-2000/25000 CCU by supplying power to the PMW-F55 and CA4000 side locally. The BPU4000 has Reference signal and Return

signal inputs and supports RCP control.

Related products



PWS-4400

4K / HD multi-port AV storage unit



LA-FZB2

Lens mount adaptor from B4 mount to FZ mount



CA-4000

4K fibre transmission camera adaptor



PMW-F55

Super 35mm 4K CMOS sensor compact CineAlta camera records HD/2K/4K on SxS memory plus 16-bit RAW 2K/4K output



HKCU-SM100

CCU extension adaptor



SZC-4001 / SZC-4001M / SZC-4001W

4K Upgrade for HDC-4300



SZC-4002 / SZC-4002M / SZC-4002W

HFR Upgrade for F65, F55 and HDC-4300



SZC-2001 / SZC-2001M / SZC-2001W

HD Cut-Out Upgrade for BPU Series products



HDC-P43

4K/HD POV Camera



HDRC-4000

HDR Production Converter Unit



HDC-4300

4K/HD System Camera

Gallery



© 2004 - 2026 Sony Corporation. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Features and specifications are subject to change without notice. The values for mass and dimension are approximate. All trademarks are the property of their respective owners.

Export PDF : October 9 2026