

## 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**

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#### **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



### HDCU-3100

IP enabled next  
generation Camera  
Control Unit



### LA-FZB2

Lens mount adaptor  
from B4 mount to  
FZ mount



### HDC-P43

4K/HD POV Camera



### 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



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

HFR Upgrade for  
F65, F55 and HDC-  
4300



### HDC-4300

4K/HD System  
Camera



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

4K Upgrade for  
HDC-4300



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

HD Cut-Out  
Upgrade for BPU  
Series products



### HDRC-4000

HDR Production  
Converter Unit



### HKCU-SM100

CCU extension  
adaptor

## Gallery

