

## CA4000

4K fibre transmission camera adaptor

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### Overview

#### 4K fibre transmission camera adaptor for PMW-F55 Super 35mm 4K CMOS sensor camera

The CA4000 4K fibre transmission camera adaptor permits live capture of 4K, providing Super 35mm 4K for live events such as sports, concerts and live studio programming. With the CA4000 adaptor attached to the docking interface of the PMW-F55, the Super 35mm 4K CMOS sensor camera is turned into a 4K Live system camera with High Frame Rate (HFR) capabilities and innovative HD cut-out operation.

#### 4K migration path for HDC Series camera customers

The 4K Live system 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.

#### Supports HDCU-2000/2500 CCU operation

The CA4000 works with the BPU4000 Base Band Processor Unit to route 4K signals from the PMW-F55 camera. Thanks to the BPU4000, the 4K/HD picture is almost the same as the HDC Series system camera and permits HDCU2000/2500 Camera Control Unit (CCU) operation.

## Features

- **Docks to PMW-F55 16-bit 4K RAW camera**

With the CA4000 adaptor attached to the docking interface of the PMW-F55, the Super 35mm 4K CMOS sensor camera is turned into a 4K Live system camera.

- **4K fibre transmission up to 2,000m**

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

- **Supports HDCU-2000/2500 CCU operation**

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- **High Frame Rate recordings**

The camera allows High frame rate (HFR) recordings up to 240 frames per second at 1080/50p

- **HD cut-out functionality**

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.

- **Same interface as HDC-2500 camera**

The CA4000 provides the same interface as the HDC-2500 to the camera operator such as RET, INTERCOM and MENU control.

- **BPU4000 operates without HDCU-2000/25000 CCU**

The BPU4000 has AC power capability to allow it work without the HDC-2000/25000 CCU. 4K output and down-converted HD output are available from BPU4000.