



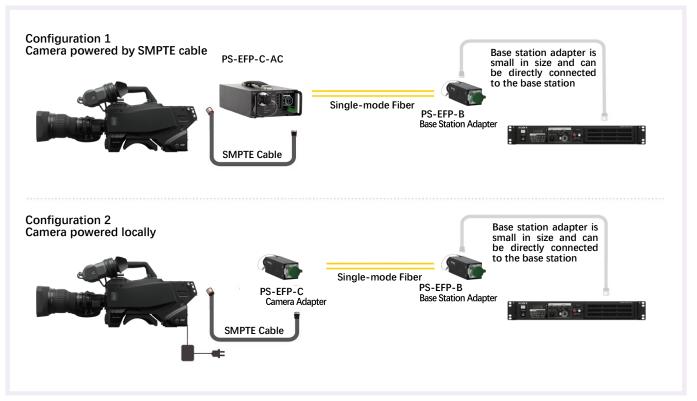
The PS-EFP system is designed to provide most costeffective solution of power and data connection such as video and communication between the camera and the CCU with standard single-mode optical fiber which can be up to 10km.

When combined with the PS-EFP-B base station adapter and PS-EFP-C camera adapter, cameras can be remotely deployed using the ordinary single-mode optical fiber network that may exist within a stadium, campus or other outside broadcast.

Features

- Eliminate interference and grounding problems, saving the weight and cost of laying cables
- Use ordinary fiber optic connectors to connect cameras and CCUs through existing fiber optic infrastructure, or temporary field fiber optic cables
- The system supports the standard camera power supply protocol, which enables the camera and the CCU to activate of the optical transceiver inside, and establish a real connection between them with ordinary single-mode optical fiber
- The power supply unit can supply power to the camera through a standard SMPTE cable up to 1 km, and the power can meet the 4K and HD cameras installed with box lenses and other high-power accessories
- It can keep the ENG call function when the optical fiber is kept connected, while the camera is powered off and the CCU is powered on

System Configuration







Simply

System Configuration



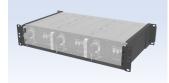
PS-EFP-C-AC Camera Power Adapter



PS-EFP-B Base Station Adapter



PS-EFP-C Camera Adapter



Rack Mount Adapter

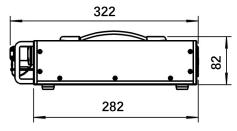
Technical Specifications

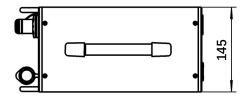
General	
Dimension / Weight	PS-EFP-C-AC: 272×145×85mm, Approx. 4.5kg PS-EFP-B: 150×40×40mm, Approx. 0.6kg PS-EFP-C: 154×40×40mm, Approx. 0.6kg
Operating temperature	-20°C to +70°C
Operating humidity	0 to 95%
Power consumption	AC 220/110V±10%, 50/60Hz, 25W (PS-EFP-C-AC)
Connectors	
Hybrid optic	SMPTE 304M, optional Tajimi OPS)
Single-mode optic	LC, optional ST, FC, SC
Carrier Signal	
Camera side	Camera to CCU: Video, Audio (Mic/Line), Intercom
CCU side	CCU to Camera: Return video, Promoter video, Audio (PGM), Intercom
Compatible Model	
Model	SONY: HDC-1580, HDC-2580, HDC-4300, HDC-4800, HDC-3500, HDC-5500 Panasonic: AK-HC3500, AK-HC3800, AK-HC5000, AK-UC4000
Design and specifications are	subject to change without notice

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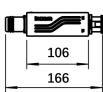
Dimensions

PS-EFP-C-AC



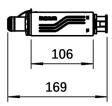








PS-EFP-C



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