

PS-EFP-C-DC SHED Power Solution System

The PS-EFP-C-DC System is designed to provide a most cost-effective solution of power and data to Grass Valley Cameras, achieving a transparent connection between the camera and the CCU with standard single-mode fiber which can be up to 10km.

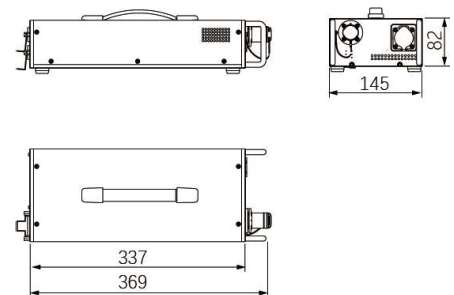
When connecting the PS-EFP-D base station adapter and PS-EFP-C-DC camera adapter, cameras can be remotely deployed, which is suitable for applications in sports venues, outdoor race tracks, winter sports. It helps to overcome the high cost limitation of camera composite cables.



Feature

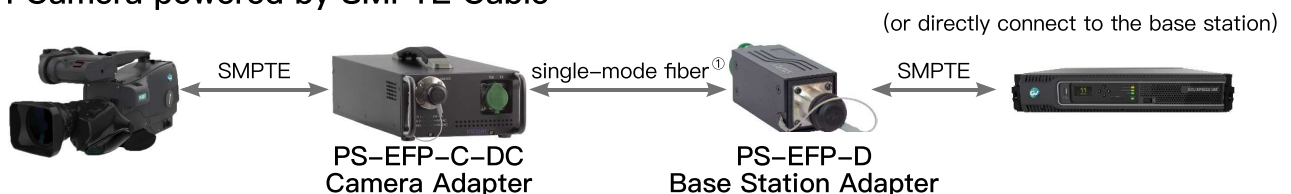
- Eliminate interference and grounding problems, saving the weight and cost of laying cables
- Use single-mode fiber to connect cameras and CCUs through existing fiber infrastructure, or temporary field fiber cables
- Support standard camera power supply protocol for transparent connection
- Supply power to Camera over 1.5km via SMPTE cables with sufficient power for box lenses & high-power accessories
- Keep the ENG call function when the optical fiber is kept connected, while the camera is powered off and the CCU is powered on

Dimension

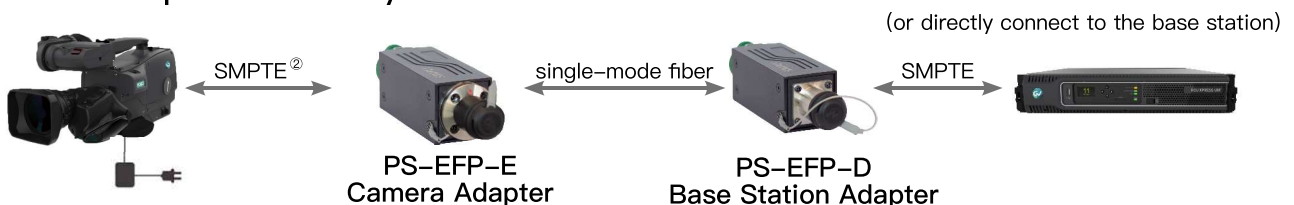


System Configuration

No.1 Camera powered by SMPTE Cable



No.2 Camera powered locally



Technical Specifications

Power Input	Consumption	Power Output	Operating Temperature	Operating Humidity
AC 220/110V,50/60HZ	30W	320W (Max.)	-20°C to +70°C	0% to 95%
Hybrid Cable Connector	Single-mode Fiber	Dimension (PS-EFP-C-DC)	Dimension (PS-EFP-D)	Dimension (PS-EFP-E)
SMPTE 304M, optional Tajimi	LC, optional SC, FC, ST	337*145*82mm	150*40*40mm	150*40*40mm

① Optional 80Km transmission module
② Can be directly connected to the CCU or CAM.