



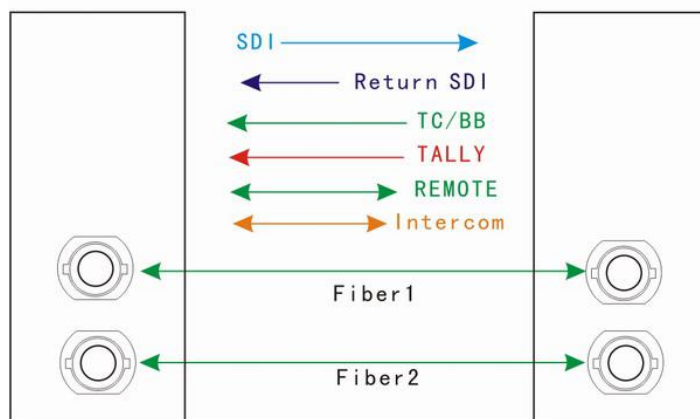
EFP To Fiber for Sony camera

### Description

**EFP To Fiber for Sony camera** includes a Camera Optic Adaptor and a Optic Base Station. The system transports a 3G/HD-SDI signal from the camera to the Base Station and a return video (3G/HD-SDI), Reverse video (SDI or CVBS), Sony Remote control data (compatible with the camera control unit RM-B150, RM-B170 or RM-B750, or Panasonic RCU AJ-RC10G, ECU AG-EC4G), TC/BB/Genlock, intercom (Camera end can be connected professional 4-pin or 5-pin XLR headset, OB end can be connected Clearcom or RTS, etc intercom main station), tally (One color or two colors can be selected). The system puts all of the signals needed for multi-camera 3G/HD-SDI production on a SM / MM tactical or SMPTE hybrid fiber cable, insuring robust, trouble-free connectivity on any studio or remote production.

### Adapter

### Base



### Features

- Handle all Pathological patterns
- Automatic cable equalization to ensure signal integrity
- 3G/HD/SD-SDI input auto recognition, support 270Mbit/s - 2.97Gbit/s according to SMPTE 424M, SMPTE 292M and SMPTE 259M
- 10+Km on single mode fiber or 300m on multimode fiber transmission
- Mic inputs with mute and pre-amps
- RS422 /RS232/RS485 remote control

Tally/GPI LED+/- output or dry Contact Closure optional  
 V-mount or A-mount battery plate optional



### Specifications:

#### General index

Work Temp	-25°C to 55°C
Storage Temp	-40°C to 85°C
humidity	0 ~ 95% (non-condensing)
Camera Optic Adaptor	
Input power	DC 11~19V
Power consumption	<10W
Net weight	1kg
Appearance size	160mm*100mm*44mm(without V-mount / A-mount)
Optic Base Station	
Input power	AC90~240V
Power consumption	<10W
Net weight	3kg
Appearance size	19" 1U standard rack mount

#### Optical:

Wavelength	1310nm / 1550nm / CWDM
Output Power	-6~-1dBm
Rx sensitivity	<-18dBm
Transmission Distance	SM fiber 10+km , MM fiber 300m
Optical connector	Dul LC /FC/ST/SC/ Lemo / Neutrik (optional)

#### SDI input/output:

Signal format	SMPTE 424M, SMPTE 292M, SMPTE 259M
Data rate	270Mbit/s - 1.48Gbit/s - 3Gbit/s
Cable Equalization	Automatic cable EQ (Belden 1694A cable) 250m @ 270Mbit/s, 140m @ 1.5Gbit/s, 80m @ 3Gbit/s
SDI interface	BNC 75 Ohm

#### Intercom:

Camera Optic Adaptor	
Interface	4pin XLR(Male) /5pin XLR(Female)/ 3.5mm headset jack
Microphone	Mic inputs with mute and pre-amps

Headphone	with volume up or down
Optic Base Station	
Interface	3pin XLR Female/Male: Party line audio for Clearcom or RTS Intercom main station DB9(Male): Line level audio input and output,

Tally:

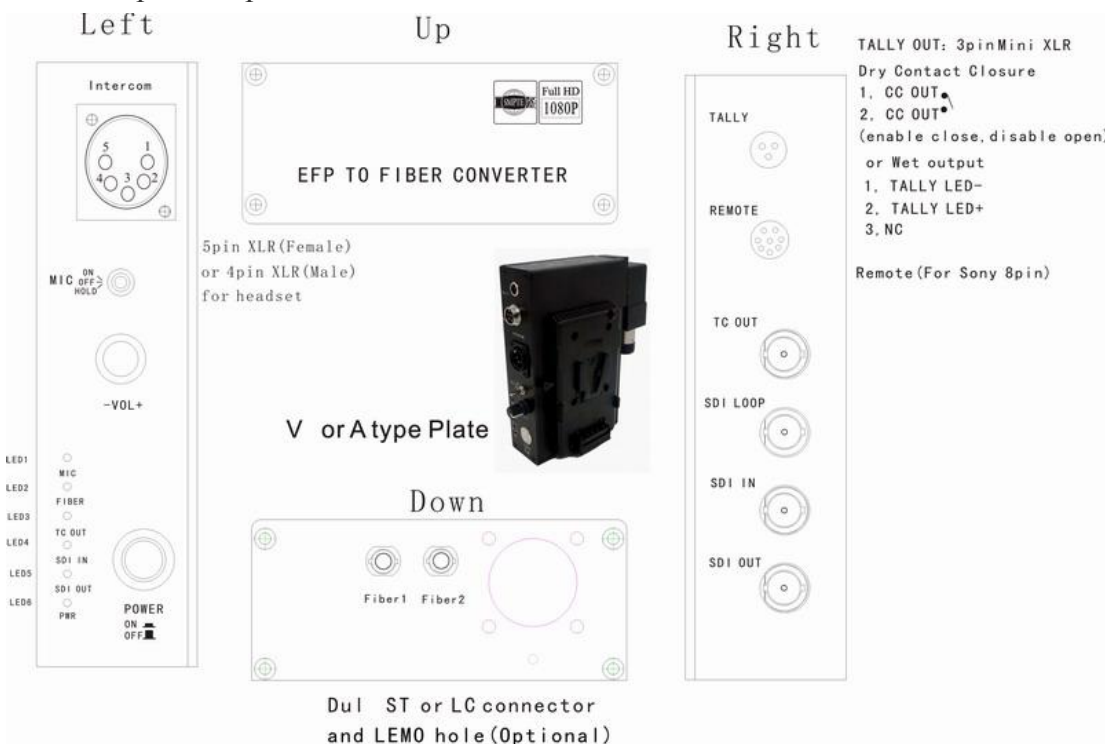
Camera Optic Adaptor	
Interface	4pin air head or 3pin mini XLR
Output	Dry Contact Closure or wet LED+/- On: short or LED on Off: open or LED off
Optic Base Station	
Interface	DB9(Male)
Input	Dry Contact Closure or TTL On: short to GND or TTL low Off: open or TTL high

Remote:

Camera Optic Adaptor	
Interface	8pin air head or 8pin sony's remote interface
Data	RS422 /RS232/RS485
Optic Base Station	
Interface	DB9(Female) or 8pin sony's remote interface
Data	RS422 /RS232/RS485

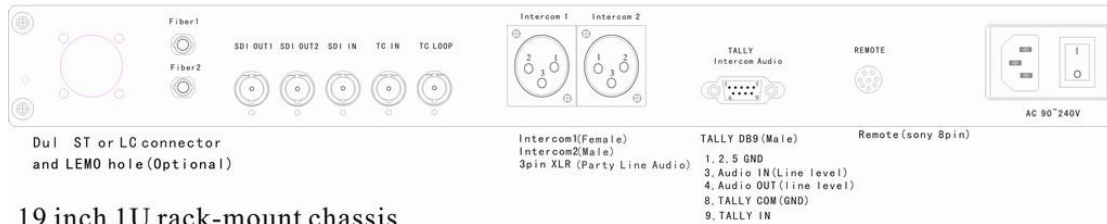
Panel diagram:

Camera Optic Adaptor



# Optic Base Station

BACI



19 inch 1U rack-mount chassis

FRC

