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S-4607 | Bi-directional SDI/Optical Converter



- › Portable Optical Fiber Converter
- › Bi-directional Optical Fiber to SDI and SDI to Optical Fiber
- › Single mode Optical Fiber, LC connector
- › Max 20km reliable transmission
- › Support hot swap of the optical module
- › Power / SDI input status indicator
- › Pole-tap 6-18V DC power input
- › Heavy duty aluminium housing
- › Bottom screw threads for installing

MSRP Ex TAX / Shipping

Features Specifications Download What's in box Optional accessory Related

Portable Mini Converter

Bi-directional SDI/Optical

With S-4607 mini converter, you can convert SDI to LC single mode Optical Fiber, and convert Optical Fiber to SDI simultaneously. It's widely used on transmitting SDI in a long distance and bi-directionally.



Input and Output

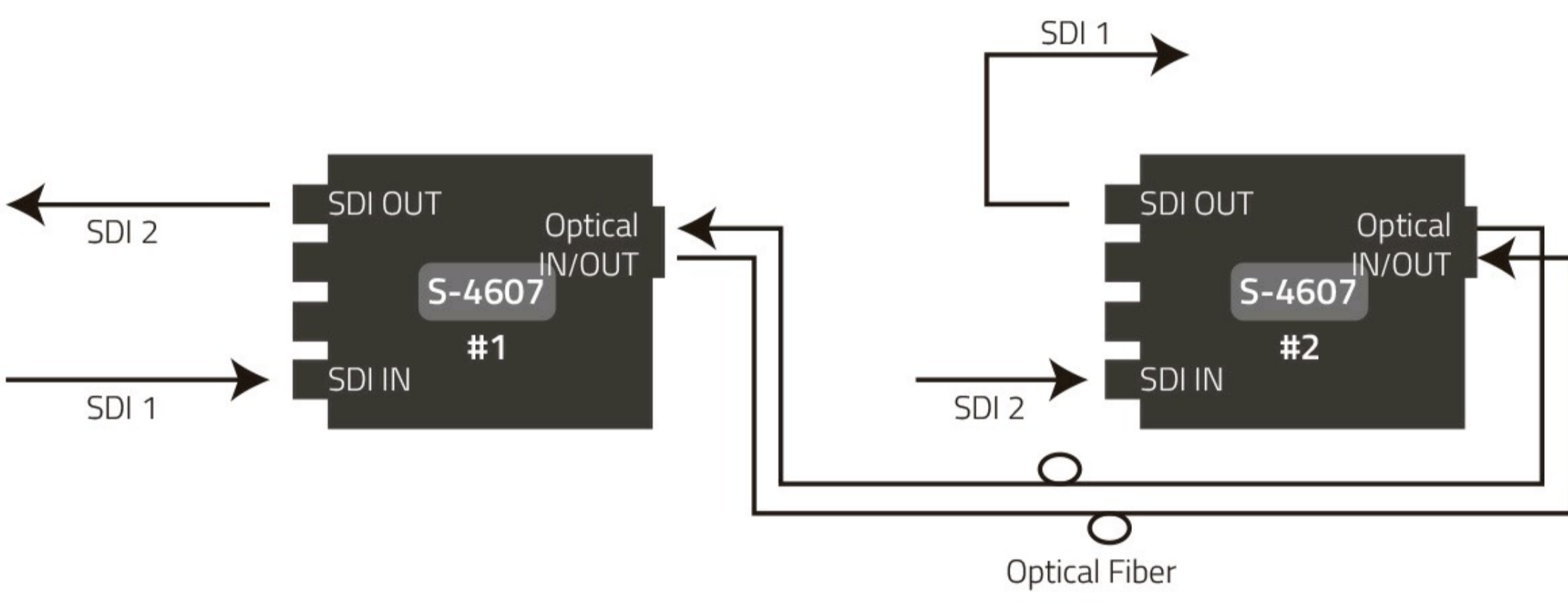
S-4607 SDI to Optical channel:
 1x 3G/HD/SD-SDI input
 1x 3G/HD/SD-SDI loop output (Reclocked)
 1x LC Optical Fiber output

S-4607 Optical to SDI channel:
 1x LC Optical Fiber input
 2x 3G/HD/SD-SDI output

Encoder and Decoder

Using 2x S-4607

You can use 2x S-4607 to transmit SDI via Optical fiber, and bi-directionally. The reliable transmission distance is 20km.



Power Supply

The mini converter is powered by pole-tap DC socket. The package includes an AC-DC power adaptor, and you can also connect DC cable from 6-18V batteries.



Status Indicators

Power / SDI output

S-4607 provides 3 LED indicators, to check if the power is connected, and if the SDI input / Output is recognized.

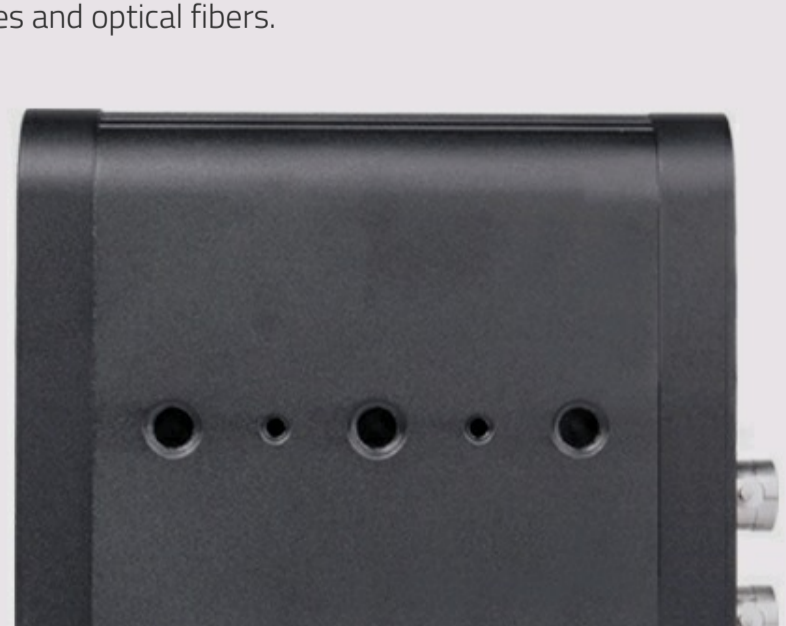
Heavy Duty Housing

The S-4607 mini converter adopts unibody aluminium alloy housing, strong for field using and protects the BNC connectors effectively.



Installation

S-4607 provides the bottom 1/4-inch screw threads for fixing on cameras, and an installing plate is supplied in the package, for fixing on wall and binding the BNC cables and optical fibers.



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S-4607

Bi-directional SDI/Optical Converter

SWIT

Introduction:



Specifications:

Input/Output		
Input	BNC × 1	3G/HD/SD-SDI input
	LC × 1	Optical fiber input
Output	BNC × 1	3G/HD/SD-SDI loop output
	LC × 1	Converted Optical fiber output
	BNC × 2	Converted 3G/HD/SD-SDI output
Video Format		
SDI	SMPTE-425M	1080p (60 / 59.94 / 50)
	SMPTE-274M	1080p (30 / 29.97 / 25 / 24 / 23.98)
		1080i (60 / 59.94 / 50)
	SMPTE-RP211	1080psf (30 / 29.97 / 25 / 24 / 23.98)
	SMPTE-296M	720p (60 / 59.94 / 50)
	ITU-R BT.656	576i (50)
Optical Fiber	SMPTE-125M	480i (59.94)
	SMPTE 297-2006	
	Input: 1260-1580nm wavelength Output: 1310nm wavelength	
General		
Power	≤4W	
Working Voltage	DC 6-18V	
Working Environment	Temperature: 0°C-+70°C, Humidity:10%-90%	
Dimensions	98 × 84 × 29 mm	
Net weight	250g	

Features:

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- ◆ Pole-tap 6-18V DC power input
- ◆ Heavy duty aluminium housing
- ◆ Bottom screw threads for installing

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SWIT®

S-4807
SDI / OPTICAL
Bi-directional

▶ 3G/HD/SD
SDI OUT

▶ 3G/HD/SD
SDI OUT

▶ 3G/HD/SD
SDI LOOP

▶ 3G/HD/SD
SDI IN

Power (R) ▲
SDI IN Locked (G) ▲
SDI OUT Locked (Y) ▲

OPTICAL OUT ▲
OPTICAL IN ▲

DC 12V ▲
⊖ ⊕



36-PIN SDI IN

36-PIN SDI LOOP

36-PIN SDI OUT

36-PIN SDI OUT

S-4507
SDI / OPTICAL
Bi-directional

SWIT

OPTICAL OUT
OPTICAL IN

Power (R)
SDI IN Locked (G)
SDI OUT Locked (Y)

DC 12V







◀ 3G/HD/SD
SDI OUT

Power (R)
SDI IN Locked (G) ▶
SDI OUT Locked (Y)

◀ 3G/HD/SD
SDI OUT

OPTICAL OUT ▶
OPTICAL IN

SWIT®

S-4607

◀ 3G/HD/SD
SDI LOOP

**SDI / OPTICAL
Bi-directional**

◀ 3G/HD/SD
SDI IN

DC 12V ▶
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