



◆ HD-SDI To Fiber Converters +1 RS485, 3G, Uncompressed

➤ Features

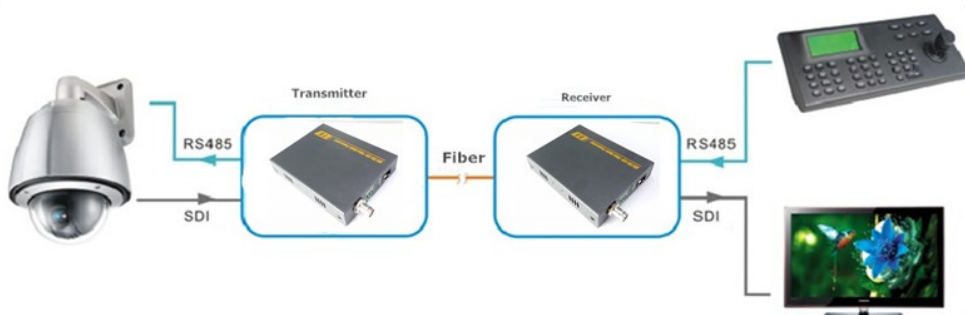
- Support HD-SDI video and audio transmission
- Adapt to SDI 270Mbps, 1.485Gbit Speed automatically
- Automatic adapt to SDI 270Mbps, 1.485Gbit
- Support 1 way reverse RS485 data control.
- built in equilizer, reclocker, cable driver
- High compatibility, can auto-match source and display device
- Built-in ESD protection system
- Simple to install, plug and play



➤ Introduction

The HD-SDI transmitter and receiver is economy transfer device for one way HD-SDI video by single mode optical fiber cable transfer. HD-SDI transmitter and receiver is designed by digital optical transfer technology, transfer long distance one way HD-SDI video signal, one way reverse 485 control signal on one single mode optical fiber. Support SMPTE292M.SMPTE259M.SMPTE424 signal. The device comprise of transmitter and receiver: transmitter convert SDI signal to optical signal; receiver convert optical signal to SDI signal and output.

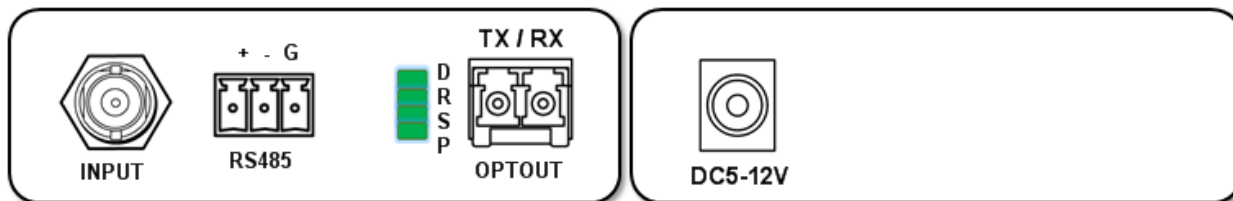
➤ Application



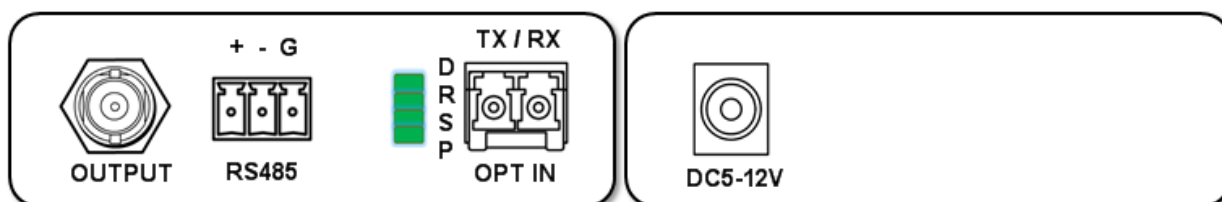
➤ Specification

Video	
Connector	BNC
Interface bandwidth	1.4835Gbps,1.485Gbps,2.967Gbps,2.97Gbps
Impedance	75Ω
Resolution range	1920*1080@30Hz; 1920*1080@25Hz; 1920*1080@24Hz; 1280*720@60Hz; 1280*720P@50Hz; 525i; 625i
RS485	
Interface	Industrial terminal
Baud rate	Self-adaptive, Max: 115200bps
Optical fiber	
Interface	LC connector
Fiber type	Single-mode, single fiber
Wavelength	Single-mode 1310nm
Interface bandwidth	2.97Gbps
Transmission distance	standard 10Km
Other	
Power supply	DC 5-12V
Power dissipation	MAX 2.5W
LED indicator	D: RS485 connection indicator S: Video signal lock indicator R: System status indicator P: System power indicator
Temperature	Operating: -5℃ ~ +70℃
Humidity	Operating: 5% ~ 90%
Dimension	118*90*25mm
The warranty	1 year free warranty

➤ Panel



Transmitter



Receiver

➤ Packing List

- HD-SDI optical fiber transmitter ×1
- HD-SDI optical fiber receiver ×1
- Fiber optic module×2
- Power adapter×2
- User manual ×1