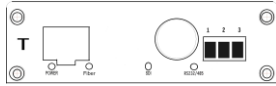


SDI Video Fiber Optical Converter



Front Side



Rear Side

Description



SDI SD/HD/3G video digital optical converter adopts international advanced all-digital gigabit optical fiber transmission technology. HD SDI video signal can be transmitted via single fiber with non-distorted, high-quality, long-distance transmission. Plug-and-play design ensures the ease of installation and operation. Electronic and optical adjustment is never required. LED indicators are provided for instantly monitoring system status.

Features

- Support standard of 270Mbps(SD-SDI), 1.485Gbps/M(HD-SDI), SMPTE 425M 3Gb/s Mapping(3G-SDI), SMPTE 424M 3Gb/s serial interface(3G-SDI), signal transmitted via single fiber
- SMPTE 292M (2.9 Gb/s) clock recovery
- Support video regenerator, automatic cable equalization, data rate up to 3.2 Gb/s (Belden 1694A)
- Support video transmission with many branches structure (reverse data will be failed) Support SDI video format: 625/25 PAL、525/29.97 NTSC、525/23.98 NTSC、720p50、720p59.94、1080P 23.98/24/30/50/60、1080i 23/24/30/50/59.94
- Support SFP transceiver hot-Swap
- LED Status Indication to monitor the working conditions

Warranty: One year		
Optics	Multi-mode: 2KM, operating wavelength@850/1310nm Single-mode: 100KM, operating wavelength@1310/1550nm	Connector type: LC
Input power	DC 5V/2A	
Environment	Operating: 0°C to +60°C / Storage: -20°C to +75°C Relative Humidity < 95% (non-condensing)	
Signal Type	Video	270Mbps(SD-SDI), 1.485Gbps/M(HD-SDI), SMPTE425M3Gb/s Mapping(3G-SDI), SMPTE424M 3Gb/s serial interface(3G-SDI) Bits Rate: Max 3.2Gb/s Input / output impedance: 75 Ω(unbalance) Input / output voltage: Typical:1Vpp,Min 0.5Vpp, Max 1.5Vpp
	Data	Optional Encoded type: RS485/RS422/RS232/Manchester Max. Data rate:0~400K bps, BER<10 ⁻⁹
		Connector type: BNC
		Connector type: Terminal Blocks

LED Status	POWER	Light on (power on) / light off (power off)
	RX	Light on (optical signal received) / light off (no signal)
	SDI-DATA	Light on (SDI signal input) / light off (no signal)
	RS232/485	Light Flashing (reverse data output) / light off (no signal)

Safety		BE CAREFUL! WARNING THIS LABEL REMINDS YOU THIS EQUIPMENT. MAY DO HARM TO YOU.
		TAKE CARE OF ELECTRIC SHOCK! WARNING THIS LABEL REMINDS YOU THIS EQUIPMENT. MAY DO HARM TO YOU OR YOUR PROPERTY.