

Description

3C-LINK Mini HD-SDI/3G-SDI video digital optical converter adopts international advanced all-digital gigabit optical fiber transmission technology, the HD-SDI/3G-SDI video signal can be transmitted through one fiber with non-distortion, high-quality, long-distance transmission. This series of video to fiber converter has stable performance, clear picture quality, and high stability with LED status indication on the body of device. The working status of devices can be visually observed. Besides, the switch value, voltage, working status and other reverse useful signal information can be controlled by RS485 or RS232. This ensures our devices more flexible when different customers' request comes

Key Benefits

- 2 SFP Slots support 3G CWDM 20/40/80km SFP module
- 2 Compact size
- 2 Maximum resolution 1920*1080@60Hz
- 2 Support videos loop out function
- 2 USB power supply
- 2 Support re-timing function, make cascade conversion transmission more stable
- 2 Transmitter Input & Loop output and Receiver two SDI output

Applications

- 2 City traffic monitoring system
- 2 Public security, safe city monitoring system
- 2 Highway security protection, charging system
- 2 Building, campus monitoring net
- 2 Military monitoring (storehouse, frontier defense, guard, nation defense, etc)
- 2 Electric power, oilfield, television program transmission system
- 2 Gymnasium (live video, audio transmission)



Specifications

Fiber Information

Wavelength	1310nm-1550nm, CWDM wavelength *
Rate	3Gbps
Tx power	> -5db
Rx sensitivity	> -14db
Fiber connector	LC

Video Information

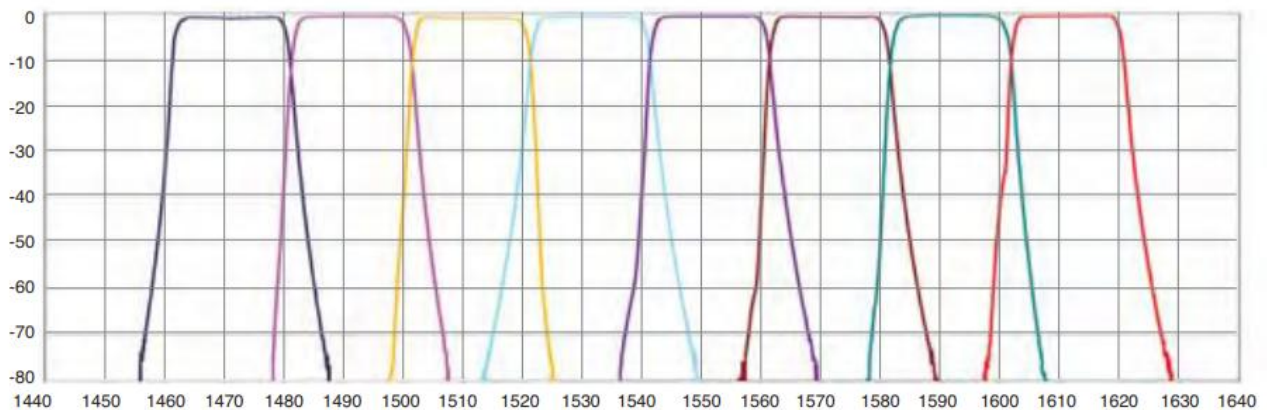
Standard	SMPTE 424M, SMPTE 292M, SMPTE 259M, DVB-ASI
Input/Output rate	2.97Gbit/s
Support resolution	1080P60Hz 1080P59.94Hz 1080P30Hz 1080P25Hz 1080P24Hz 1080i60Hz 1080i50Hz 1080P50Hz 720P60Hz 720P50Hz PAL(576i50Hz) NTSC (480i60Hz)

Alternating-current impedance	75ohms
The signal swing	800mV±10%
Physical interface	(-75 BNC connector)

Data index	
Level type	RS485 (2 wiring system)
Error rate	<10 ⁻⁹
Rate	0-400Kbps
Physical interface	Phoenix terminal

Other information

Operating temperature	-20°C ~75°C
Storage temperature	-40°C ~85°C
Power supply mode	5V
Power dissipation	<1.5W
Power physical interface	micro-USB



*CWDM Wavelength reference

Ordering Code

MODEL	SPEC
3C-SDI-M3G-T20:	3G SDI 1080P, WITH 1310NM 20KM VIDEO TRANSMITTER
3C-SDI-M3G-T20P:	3G SDI 1080P, WITH 1310NM 20KM VIDEO TRANSMITTER, SUPPORT PATHOLOGICAL
3C-SDI-M3G-R20:	3G SDI 1080P, WITH 1310NM 20KM VIDEO RECEIVER
3C-SDI-M3G-R20P:	3G SDI 1080P, WITH 1310NM 20KM VIDEO RECEIVER, SUPPORT PATHOLOGICAL
3C-SDI-M3G-XX-T20:	3G SDI 1080P, WITH 1310NM CWDM 20KM VIDEO TRANSMITTER
3C-SDI-M3G-XX-T20P:	3G SDI 1080P, WITH 1310NM CWDM 20KM VIDEO TRANSMITTER, SUPPORT PATHOLOGICAL
3C-SDI-M3G-XX-T40:	3G SDI 1080P, WITH 1310NM CWDM 40KM VIDEO TRANSMITTER
3C-SDI-M3G-XX-T40P:	3G SDI 1080P, WITH 1310NM CWDM 40KM VIDEO TRANSMITTER, SUPPORT PATHOLOGICAL

Application





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