

Product Features

- Compliant with SMPTE-292M HD-SDI and SMPTE-259M SD-SDI standard, supports 1.485Gb/s and 270Mb/s
- Thor F-1MSDI-ET: one SD/HD-SDI input (BNC), one looping SD/ HD-SDI output(BNC) and two fast Ethernet interfaces(shared 100M bandwidth, supports port-basedVLAN)
- F-1MSDI-ET: two SD/HD-SDI output (BNC) and two fast Ethernet interfaces(shared 100M bandwidth, supports port-basedVLAN)
- One auxiliary channel, which can be 1-channel bi-directional audio, or two-channel unidirectional audio, or 2-channel contact closure input/output or 1-channel bi-directional contact closure, or 1-channel bi-directional RS422/RS232 channel
- One bi-directional RS485 channel, half duplex, up to 115.2Kb/s baud rate
- Supports 1080P@30,25,24, 29.97, 23.98,1080I@60,50,59.94,720P@60,50,30,25,24, 9.94,29.97, 23.98 and 625i/525i format, when input is 1080P@29.97, 23.98/1080I@59.94/720P@59.94, 29.97, 23.98, the output is 1080P@30, 24, 1080I@60, 720P@60,30, 24 respectively
- Integrated cable equalizer
- Embedded ESD and surge protection circuit
- NOP (No optical signal) alarm indications, output status indicator and input lock indicator
- APC circuit to perform at a very stable optical power



Base Model F-M1SDI-2ET-TX/RX support single mode fiber up to 20Km and it has ST/PC connector

F-M1SDI-TR-ET -XX-YY-ZZ-3G

Additional Model Selection :

Additional Available Cards :

(External Analog Audio, 10/100 Ethernet, Gigabit Ethernet, RS422, RS232) (

- 2 forward contact closure+Embedded audio
- 2 backward contact closure+Embedded audio
- 1 bidirectional RS422+Embedded audio

- 2 bidirectional RS232+Embedded audio
- 2 external bidirectional audio
- 2 external forward audio
- 2 external backward audio

F-M1SDI-2ET-TX/RX -XX

XX = Optical connector : SC/PC , FC/PC (see price)

F-M1SDI-2ET-TX/RX -XX-YY

YY = Fiber optic distance 40,60,80,100,1 (add \$)

F-M1SDI-2ET-TX/RX -XX-YY-ZZ

ZZ = (MM) Multi-mode, (SM) Single-mode (same price)

F-M1SDI-2ET-TX/RX -XX-YY-ZZ-3G

3G SDI supported up to 3Gbps (add \$)

Product Specifications	
<i>*All Specifications Subject to Change Without Notice</i>	
HD-SDI Input	1 HD-SDI, SD-SDI 0 - 1.5 Gbps Serial Digital Signal
Number of Input	1 SDI (Bi-directional) 1 RS-485 2 Auxiliary 2 10/100 Ethernet -Shared (RJ45)
Signal Level	> 380mVp-p
Impedance	75Ω
Connector	BNC
Distance	20Km (40, 60, 100Km Available)
Mini box	25x116x110
Power Supply	130 - 260 VAC @ 50-60 Hz
Power Consumption	<10W
Temperature	0 to +70 Degree
Humidity	0 to 95%

Connector	ST/PC or (FC/PC or SC/PC or SC/APC optional)
Optical Channels	TDM/CWDM type
RH	Non-condensing
LED Status Indic	

