

10/100M Ethernet Media Converter

With 2 Ethernet Ports&1 Fiber Ports



Overview

Our MT-8110SB-12-20A/B fast media converter designed to make conversion between 10/100Base-TX and 100Base-FX fiber Ethernet. The overall network flexibility is enhanced, and the network efficiency is also improved to accommodate and deliver high bandwidth applications .

Key Features

- Support 10/100Base TX to 100Base FX, can be connected to relational networking equipments .
- Supports 802.3x flow control for full-duplex ports and backpressure for half-duplex ports, efficient built in switching core ,to implement flow control and reduce broadcast packets.
- Supports comprehensive types of fiber with different distances and connections, including SC/Bidi ST and so on
- The selection of multiple types of fiber ports such as dual-fiber multi-mode, dual fiber single mode and single fiber single mode
- Supports auto mode on the TP port
- Automatic identification of MDI/MDI-X cross line.
- High-performance 1.4Gbps memory bandwidth.
- In conformity to safety code of FCC and 15 CLASS A and CE MARK.
- RoHS Compliance

Installation

- Attach fiber cable from the media converter to the fiber network. The fiber connections must be matched – transmit socket to receive socket, the TX ,RX fiber cable must be paired at both ends .
- Attach a UTP cable from the 10/100BASE-T network to the RJ-45 port on the media converter .
- Connect the power adapter to the media converter and check that the Power LED lights up. The TX-LINK/ACT and FX-LINK/ACT LEDs will light up when all the cable connections are satisfactory.

Tables for panels and LED function .

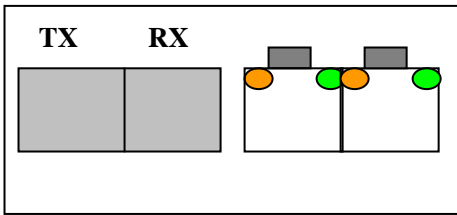


Table 3.1 Front panel

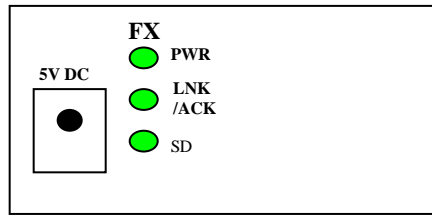


Table 3.1 Back panel

Table 3.3 LED Lamps function

LED Lamps	Functions	Status	Description
PWR	Power LED	on	Power is on and normal
		off	Power is fail
FX-SD	Fiber port link/action status LED	on	Fiber signals is detected
		off	No fiber signals
FX-LINK/ACT	Fiber port link/action status LED	on	Fiber link is in correct connection
		Blink	Data packet goes through FX end
		off	Fiber link is fail
TX-SPD (Left one)	UTP port speed LED	on	1000M speed
		off	100M speed
TX-LINK/ACT (Right one)	UTP port link/action status LED	on	The UTP link is in correct connection
		Blink	Data packet goes through TX end
		off	The UTP link is fail

6. Technical Specifications

1. Standard Protocol: IEEE802.3 10 Base-T standard
IEEE 802.3u 100Base-TX/FX standard
- 2.Connector:Two RJ-45 connector,one SC/ST fiber connector .
3. Operation mode: full duplex mode or half duplex mode
4. Power supply parameter: outside: 5V DC 1A

built-in: 110-265V AC 48VDC

5. Environmental temperature: 0°C-70 °C

6. Relative humidity: 5%-90%

7. TP cable: Cat5 UTP cable

8. Fiber :50/125,62.5/125um multi-mode fiber ; 9/125,10/125um single-mode fiber.

Ordering information :

Description
10/100M external media converter 2KM multi mode dual fiber,2RJ45 port
10/100M external media converter 20KM single mode dual fiber, 2RJ45 port
10/100M external media converter 40KM single mode dual fiber, 2RJ45 port
10/100M external media converter 60KM single mode dual fiber, 2RJ45 port
10/100M external media converter 80KM single mode dual fiber, 2RJ45 port
10/100M external media converter 100KM single mode dual fiber, 2RJ45 port
10/100M external media converter 120KM single mode dual fiber, 2RJ45 port
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