

10/100M Fiber Ethernet Media

Converter

With 2 Ethernet Ports&1 Fiber Ports

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FCC Warning

The 10/100M Fast Ethernet Media Converter series have been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These standards are designed to provide reasonable protection against harmful interference when these devices are operated in a commercial environment. These devices generate, use, and can radiate radio frequency energy and may cause harmful interference to radio communications unless installed in accordance with this User's Guide. Operation of these devices in a residential area is likely to cause harmful interference which will make the user responsible for the appropriate remedial action at his / her own expense.

CE Mark Warning

These are Class A products. In a domestic environment these products may cause radio interference in which case the user will need to consider adequate preventative methods.

1. Packing list

The box should contain the following items:

- The Media Converter
- AC-DC Power Adapter (for external models) or Power Cord (for internal models)
- The User's Manual
- Warranty Card

Please notify your sales representative immediately if any items are missing or damaged.

2. Features

1. Support 10/100Base TX to 100Base FX, can be connected to relational networking equipments .;
2. With 128Kb RAM;
3. Support Automatic Switch between parallel lines and crossed lines .
4. With LED Lamps function .(link/activity, 10/100M, power)
5. Support select working-mode via Hyper terminal .
6. The transmission distance can up to

120Km .

3. Ethernet Standards

Comply with:

- IEEE802.3
- IEEE802.3u

4. 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.

5. Tables for panels and LED function .

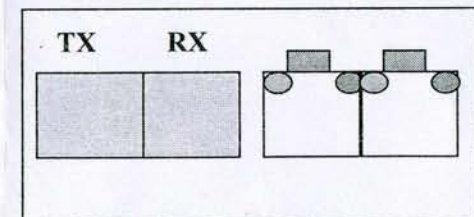


Table 3.1 Front panel
Table 3.1 Back panel

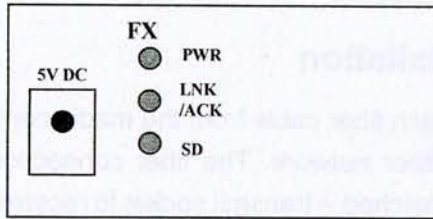


Table 3.1 Back

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	100M speed
		off	10M 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-60 °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.

9. Dimensions:

External power supply: 26mmx 71mm x 94mm

Built-in power supply: 40mm x 110mm x 140mm