



10/100M Fast Ethernet Media Converter With Two RJ45 Port User's Manual

I. Product Features:

1. Support 100Base-FX fiber transmission standard, which can be interconnected with other products;
2. Built-in 128Kb data cache RAM;
3. Support automatic switching of parallel line cross lines;
4. Support LED diagnostic function (link/activity, 10/100M, power)
5. The working mode can be set through the HyperTerminal;
6. Maximum transmission distance up to 120Km

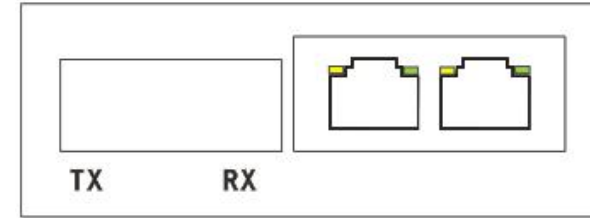
II. Product Protocol

Follow IEEE802.3 10Base-T, IEEE802.u 100Base-TX,100Base-FX

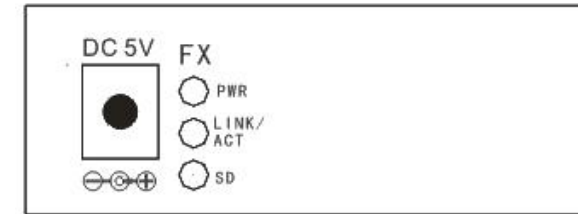
III. Product Category

1. According to Dimension:
Built-in Power Adapter MC
External Power Adapter MC
2. According to Number of Fiber:
Single-Fiber MC
Dual-Fiber MC
3. According to Type of Fiber:
Multi-mode MC
Single-Mode MC

4. Panel



Front Panel



Back Panel

Figure 3.1 panel

IV. LED Indicator Status Description

Table 4.1 The led of MC indicator Description

LED	function	status	Description
PWR	Power LED	ON	Power is ON.
		OFF	Power is OFF.
LINK/ACT (FP)	Fiber Port Link/Action Status LED	ON	Fiber Port is Linked.
		Blink	Fiber Port is Activated
		OFF	Fiber Port is NOT Linked.
LINK/ACT	UTP Port	ON	UTP Port is Linked

(TP) Green	Link/Action Status LED	Blink	UTP Port is Activated
		OFF	UTP Port is NOT Linked
SPD (Yellow)	UTP Port SPD Status LED	ON	100M
		OFF	10M
SD	Fiber Signal Status LED	ON	Fiber Signal is Detected.
		OFF	Fiber Signal is NOT Detected.

V. Installation and Connections

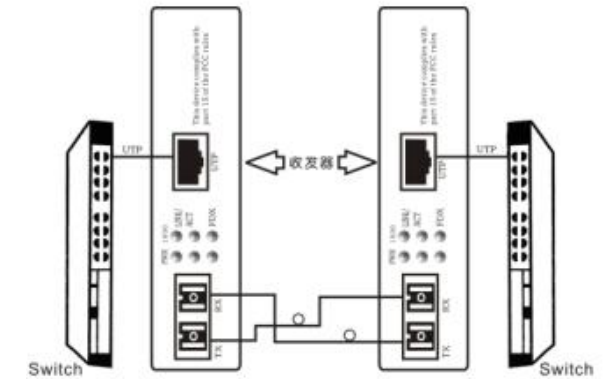


Figure 5.1 MC Connection diagram

VI. Fiber transmission features:

Table6.1 MC Transmission features

Fiber mode	TX Power dBm	Rx Sens dBm	Wavelength	Distance
Multi-mode dual fiber	-9~-3	<-19	850nm	550m
Multi-mode dual fiber	-20~-12	<-30	1310nm	1 Km
Single-mode dual fiber	-15~-3	<-30	1310nm	20 Km
Single-mode dual fiber	-9~-3	<-32	1310nm	40 Km
Single-mode dual fiber	-6~0	<-32	1550nm	60 Km
Single-mode dual fiber	-5~0	<-34	1550nm	80 Km
Single-mode single fiber	-15~-3	<-30	A side:Tx1310nm/Rx1550nm B side:Tx1550nm/Rx1310nm	20 Km
Single-mode single fiber	-9~-3	<-30	A side:Tx1310nm/Rx1550nm B side:Tx1550nm/Rx1310nm	40Km
Single-mode single fiber	-6~0	<-32	A side:Tx1490nm/Rx1550nm B side:Tx1550nm/Rx1490nm	60Km
Single-mode single fiber	-5~0	<-34	A side:Tx1490nm/Rx1550nm B side:Tx1550nm/Rx1490nm	80Km

VII. Technical Specifications

- Standard Protocol: IEEE802.3, 10Base-T standard, IEEE 802.3u, 100Base-TX/FX standard
- Connector:two RJ-45 connector, one SC/ST/FC fiber connector.
- Operation mode: full duplex mode or half duplex mode.
- Power supply parameter: outside:5V DC 1A
- Environmental temperature: 0°C-60°C
- Relative humidity:5%-90%
- TP cable: Cat5 UTP cable
- Fiber: 50/125, 62.5/125um multi-mode fiber, 9/125,10/125um,single-mode fiber.
- Dimensions: External power supply:26*71*94mm Built-in power supply:40*110*140mm

VIII. Packing list

Please check the following items in the package before installing the transceiver.

The box should contain the following items:

Media Converter	1set
AC/DC adapter	1pc
User Manual	1copy

Please contact the dealer immediately for any loss or damage to the above items.