10/100/1000M Gigabit Ethernet Converter
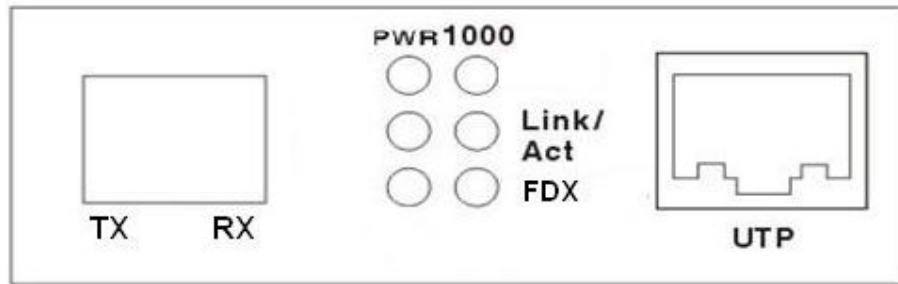
With One SFP slot

Overview

10/100/1000M Gigabit Ethernet Converter(M-8110G-AS-SFP) series is designed to meet the massive needs for Gigabit network deployment and able to extend a copper based Gigabit network via fiber cable to a maximum distance up to 120KM. It can be installed into a Standard Converter Chassis. The installation & operation procedures are simple & straightforward. Operation status can be locally monitored through a set of Diagnostic LED located in the front panel.

Main features

- 10/100/1000Base-Tx to 1000Base-Fx Media Converter With one SFP Slot

- Standard Protocol: IEEE802.3 ,IEEE802.3U,10/100/1000Baast-TX,1000Base-FX

- Interface:one 1×RJ-45 connector, 1×SFP slot

- Flow Control:IEEE802.3x flow control for full duplex mode ,Back-pressure flow control for half
  duplex mode

- LED:Power,FX.FX-LINK/ACT,TDX/COL,1000M,TX-LINK/ACT

- Power supply parameter: outside: 5V DC 2A

- Environmental temperature: 0℃-60 ℃

- 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): 26mmx 71mm x 94mm

Installation:

1. Attach fiber cable from the 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 .
2. Attach a UTP cable from the 10/100/1000BASE-T network to the RJ-45 port on the converter.
3. Connect the power adapter to the converter and check that the Power LED lights up. The TP-Link and RX LEDs will light up when all the cable connections are satisfactory.

Table 1 : Front panel

Table 2 : Back panel

LED Description:

LED	function	status	Describing
PWR	Power LED	ON	Power is ON.
		OFF	Power is Fail.
FX	Fiber port signal detect LED	ON	Laser is receiving.
		OFF	No laser input.
FX-LINK/ACT	Fiber port link/action status LED	ON	Fiber link is ok.
		Blink	Data is been received or transmitted
		OFF	Fiber link is fail.
1000M	UTP port speed LED	ON	1000M speed
		OFF	100M speed
TX-LINK/ACT	UTP port link/action status LED	ON	Link is ok.
		Blink	Data is been received or transmitted
		OFF	Link is fail.
FDX/COL	UTP port duplex LED	ON	Full duplex
		OFF	Half duplex

Ordering information

Model	Description	Power supply
WO-KGA-SFP	10/100/1000M media converter with one SFP slot ,without SFP transceivers inside	External Power Adapter