Brief Introduction

Many thanks for purchasing 10/100/1000M Gigabit Ethernet Media Converter with One SFP Slot, The following purchasing guide is for customer's reference.

Media Converter

10/100/1000Mbps/1 RJ45/1 SFP SLOT

MODEL: **MD-BOXSFP-0000-00001**

Packing List

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

Media Converter	1 PCS
AC/DC Adapter	1 PCS
User Manual	1 PCS

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

Overview

The 10/100/1000M Gigabit Ethernet Media Converter series is designed to meet the massive needs for network deployment And able to extend a copper based Fast network via fiber cable to a maximum distance up to 100KM.

Our 10/100/1000M Gigabit Ethernet Media Converter series is fully compliant with IEEE802.3,IEEE802.3U,10/100/1000 Base-TX,1000Base-FX,standards.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.

Features:

Features
10/100/1000Base-TX to 1000 Base-FX Converter
Standards:IEEE802.3,IEEE802.3U,10/100/1000 Base-TX,1000Base-FX
Interface: 1*RJ45 Connector 1*SFP Slot
Flow Control: IEEE802.3x flow control for full duplex mode Back-pressure flow control for half duplex mode
LED : Power /FDX/100M/1000M/   FX/ACT TP/ACT

Installation

1. 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
2. Attach a UTP cable from the 10/100/1000 Base-T network to the RJ-45 port on the media converter.
3. 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

Technical Specifications

1. Standard Protocol: IEEE802.3 10/100/1000 Base-T standard IEEE802.3u 1000Base-TX/FX standard.

2. **Connector: one RJ-45 connector, one SFP slot fiber connector.**
3. **Operation mode: full duplex mode or half duplex mode.**
4. **Power Supply Parameter :**
   INPUT: AC/220V OR DC/48V
   OUTPUT: 5V DC 1A
5. **Environmental temperature: 0℃-60℃**
6. **Relative humidity: 5%-90%**
7. **TP cable: Cat5 UTP cable**
8. **Transfer Fiber:**
   Multi-mode fiber 50/125,62.5/125um
   Single-mode fiber 9/125, 10/125um
9. **Dimensions: 94*71*26 mm (L*W*H)**

Cautions

1. **This product is suitable for indoor application.**
2. **Put on the dust cover of fiber interface when not used**
3. **It is forbidden to stare at the TX fiber-transfer end with naked eyes**