OEM-MK-100/1000M-SFP

10/100/1000M Gigabit Ethernet Media Converter

OEM Media Converter from 10/100/1000Base-TX to 100/1000Base-FX is the first media converter in the market to fulfill 100/1000M auto-sensation at fiber optic port, which increases the flexibility of the whole network. It complies with IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3ab standards and supports the connection between 10Base-T, 10Base-TX, 1000Base-T, 100Base-FX and 1000Base-SX/LX.

Now you can easily migrate from 100Mbit fiber to Gigabit without changing customer premise equipment (CPE). Start using the OEM-MK-100/1000M-SFP in your current 100Mbit infrastructure. When you are ready to move to Gigabit Ethernet, only change the central switch and converter will automatically adjust to Gigabit speed. This cuts the number of customer visits in half and reduces installation cost with 50%. No need for proprietary equipment, it's compatible with you existing Ethernet products and follows all the accepted standards. Enjoy the first media converter on the market with dual speed fiber and make major savings in installation cost.

Features

- Support inter-conversion between 1000Base-T and 1000Base-SX/LX
- 100/1000Base-FX auto-sensed
- Unique patented converter which supports both 100Mbps and 1 Gbps at the fiber port using the same SFP module
- Auto-negotiation or Manual mode (10M, 100M & 1000M) at TP port
- High compatibility capacity: compatible with the network card, hub, switch and repeater of other brands
- Support full/half duplex auto-sensed
- Support MDI/MDI-X auto-sensed
- Support the transmission of VLAN extra-long data package
- Support the transmission of QoS packets
- Support the transmission of VoIP packets

Advantages

- Auto-sense the rate (100 or 1000) of fiber
- Facilitate the upgrade of the network, save the cost
- Facilitate to keep the consistence of the products and the whole system
- Meet the different requirement of bandwidth for end-users

Specifications

UTP Interface	Connector: RJ-45 Rate: 10/100/1000M auto-sensed MDI/MDI-X auto-sensed Cat.5 UTP cable EIA 568 A/B
Fiber Interface	SFP module Connector: LC(default) Rate: 100/1000M auto-sensed Full/half Duplex: auto-sensed Fiber: Multi-mode: 50/125, 62.5/125μm Single mode: 8.3/125, 8.7/125, 9/125 or 10/125μm
Power Supply	External power: AC 110~265V input DC 5V 2A output
LED Indicators	PWR (power supply), FDX (TP full duplex operation), TP/FX SPD (TP/FX operate speed), TP/FX LINK/ACT (TP/FX link status)
Working Temperature	0℃~60℃
Relative Humidity	5%~90%
Dimensions	26 x 71 x 94mm