

Media Converter 10/100/1000M



External power supply with 1 Optical port, and 1 electrical port



External power supply with 1 Optical port, and 1 electrical port



External power supply with 2 Optical port, and 4 electrical port

Introduction

Gigabit media converter series are designed to convert a 10/100/1000BASE-T signal to a 1000BASE-SX/LX signal. It is used to extend the connection distance between two Gigabit Ethernet Twisted-pair devices via fiber cable transparently without performance degradation.

Features

- In accordance with IEEE802.3 10Base-T, IEEE802.3u 100Base-T, IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-FX
- Supported Ports: LC for optical fiber; RJ45 for twisted pair
- Auto-adaptation rate and full/half-duplex mode supported at twisted pair port
- Auto MDI/MDIX supported without need of cable selection
- Up to 6 LEDs for status indication of optical power port and UTP port, Up to 1024 MAC addresses supported
- External and built-in DC power supplies provided
- 512 kb data storage integrated, and 802.1X original MAC address authentication supported
- Conflicting frames detection in half-duplex and flow control in full duplex supported

Specification

Standards	Support the IEEE802.3, IEEE802.3u, IEEE802.3ab protocol
Working mode	Full- duplexes, half duplex auto negotiation
Application	Multi-mode (850 nm,1300nm), single mode(1310nm,1550nm)
Transmission distance	Multi-mode:0.5Km; Single mode: 10, 20,50, 70Km
Port of twisted wire	NODE\ HUB or Switch (5 UTP)
Dimension	95X71X26mm (External SMPS) 160X130X30mm (Internal SMPS)
Weight	0.6Kg
Power supply	100 V~240 VAC 50~60 Hz or-48 VDC eligibility
Working temperature	0 °C ~ 60 °C
Storage temperature	-10 °C ~70 °C