

PROPATCH 10G Series Fiber Optic Media Converter

Overview

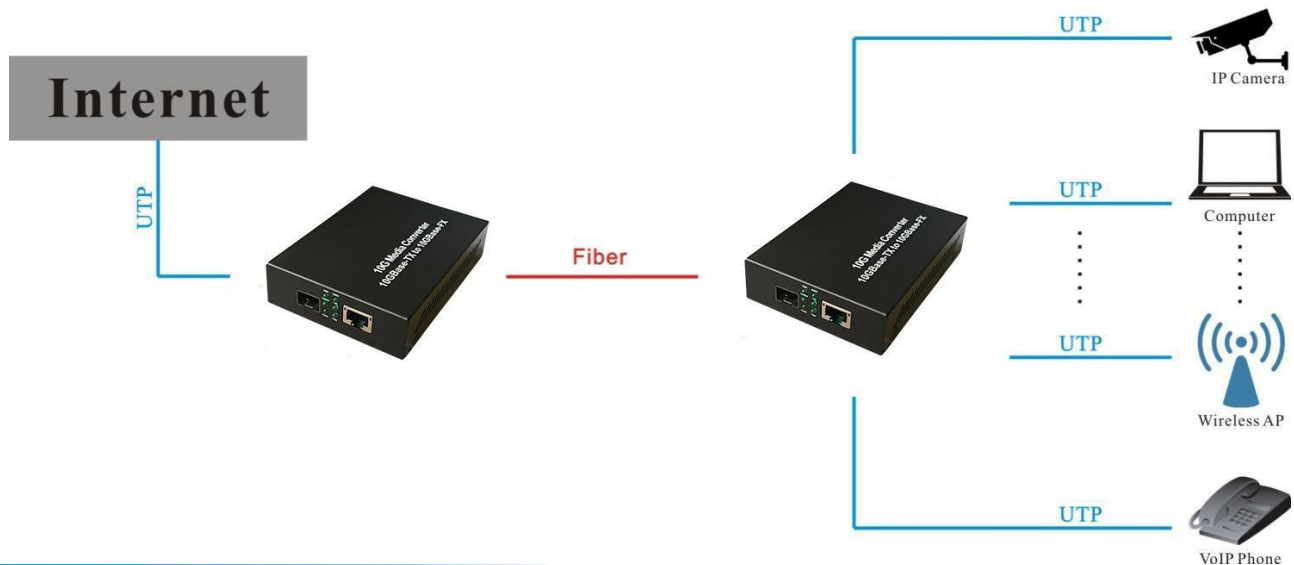
PROPATCH 10G media converter is a photoelectric converter that converts Ethernet electrical signals and photoelectric signals. It converts short-distance 10GBase-TX twisted pair electrical signals and long-distance 10GBase-FX optical signals to each other. Different types of optical modules can be selected as needed, and the seamless connection between the optical signals of the Ethernet and the electrical signals. It does not only extend the transmission distance, but also has many advantages such as good data confidentiality, stable operation, and easy maintenance.



Features

- Adopt high-performance US Marvel chip to achieve non-blocking transmission switching performance and ensure higher security and stability of data transmission;
- Support Ethernet port 10Gbase—Tto10Gbase-SR/LR/ER/ZR;
- The fiber port supports 3R function (equalization amplification, clock extraction, integer regeneration), and the data transmission jitter is small;
- Transparent transmission of data with small delay;
- Supports 850, 1310, 1550nm and ITU T specified CWDM/DWDM wavelengths;
- Support for super long frames;
- Support DMI function of optical module;
- Support Loopback and return to functional testing;
- Support SFP+/XFP different interface optical modules;
- Support 5-20V wide voltage power supply;
- Support built-in power supply enclosure;
- Support centralized power supply management of racks;
- Support external power supply.

Application



Specification

Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX/FX IEEE802.3ab 1000Base-T IEEE802.3z 10GBase-SX/LX	IEEE802.3x Flow control IEEE802.1q VLAN IEEE802.1p QoS IEEE802.1d Spanning Tree
Ethernet Port	➤ Connector: RJ45 ➤ Data Rate: 100/1000/10000M ➤ Distance: 100m ➤ UTP Type: UTP-5E or higher level	
Fiber Port	➤ Connector: SFP+ ➤ Data Rate: 10Gbps ➤ Fiber wavelength: 850nm / 1310nm / 1490nm / 1550nm ➤ Fiber type: single mode 9/125 μ m, multimode 50/125 μ m, 62.5/125 μ m ➤ Distance: 550m~100km	
Performance	➤ Processing Type: Store and Forward ➤ MAC Table Size: 2K ➤ Buffer Space: 1Mbit ➤ Transmission mode: full-duplex / half-duplex adaptive ➤ Time Delay: <20μs	
Power	➤ Power type: external power supply ➤ Input Voltage: AC100V~240V 50/60Hz ➤ power connector: DC socket ➤ Working Voltage: 5V4A&12V ➤ Power Consumption: 0.75W~3W	
Environment	➤ Storage Temperature: -40~70°C ➤ Operating Temperature: -10~55°C ➤ Relative Humidity: 5-95% (no condensation)	

Physical
Characteristics

- Dimension: 117 × 85 × 21mm
- Weight: 0.1kg (external) body
- Color: Metal, Black

Order information

P/N: EC-10GBMMSM-SFP

PROPATCH Fiber Optic 10G SM/MM 850/1310/1550nm SFP+/XFP Media Converter

(Note: default SFP interface for fiber interface, optional LC/SC; standard 5V4A American standard power adapter, or 12V power supply)

Related Products

10GB SFP SM/MM & RJ45 Copper

P/N: E-SFP10G-SM10K

PROPATCH10G SFP+ Singlemode Dual Fiber SM 1310

(SM SFP can be supplied for different distance from 10-100km)

P/N: E-SFP10G-MM

**PROPATCH 10G SFP Multimode Dual Fiber MM 850nm
300M**

P/N: E-SFP10G-GB

PROPATCH 10GBASE-T SFP+ Copper



Fiber optic Patch Cords



Copper Cat6A/Cat7 RJ45 Patch Cords

