



▼ Product specification

10G fiber optic transceiver is a photoelectric converter that converts Ethernet electrical signals to photoelectric signals. It can convert short-distance 10GBase-TX twisted pair electrical signals to long-distance 10GBase-FX optical signals. Users can choose different types of optical modules according to their needs, and seamlessly connect Ethernet optical signals and electrical signals. It can not only extend the transmission distance, but also has many advantages such as good data confidentiality, stable operation, and easy maintenance.

▼ Product picture



▼ Features

- ◆ Adopt high-performance American Marvel chips to achieve non-blocking transmission and switching performance, ensuring data
- ◆ The transmission has higher security and stability;
- ◆ Support electrical port 10 Gbase - T to 10 Gbase - SR / LR / ER / ZR ;
- ◆ The optical port supports 3 R functions (balanced amplification, clock extraction, and shaping regeneration) and has low data transmission ➤ Transparent data transmission with low latency;
- ◆ Supports 850, 1330, 1270 nm and CWDM / DWDM wavelengths specified by ITUT ; ➤ Support jumbo frames;
- ◆ Support DMI function of optical module;
- ◆ Support Loopback function test ;
- ◆ Support SFP + interface optical module ;
- ◆ Support 5-20 V wide voltage power supply;
- ◆ Support built-in power shell;
- ◆ Support rack centralized power supply management;
- ◆ Support external power supply

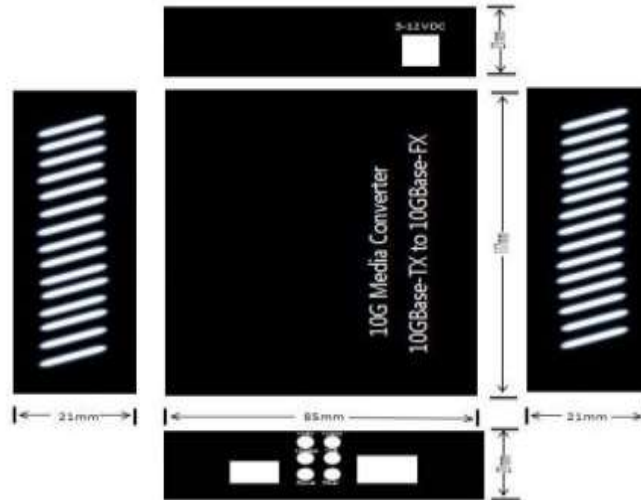


▼ Product Features

Protocol standards :	IEEE 802.3 10Base - T IEEE802.3u 100Base-TX/FX IEEE802.3ab 1000Base-T IEEE802.3z 10GBase-SX/LX	IEEE802.3x Flow control IEEE802. 1q VLAN IEEE 802.1p QoS IEEE 802.1d Spanning Tree
Electrical port parameters:	Electrical connector: RJ 45 Transfer rate: 10G Cable Type: UTP -5 E or higher Transmission distance: 100 meters	
Optical port parameters:	Optical port connector: SFP + Transfer rate: 10 Gbps Fiber wavelength: 850 nm / 1330 nm / 1270 nm Fiber type: single mode 9/125μm , multimode 50/125μm, 62.5/125μm Transmission distance: 550m ~ 100km	
Performance Specifications:	Forwarding mode: store and forward Transmission mode: Full-duplex/half-duplex adaptive MAC address table : 2K Frame memory: 1 Mbit Network delay: ≤20 μs	
power supply :	Power supply type: External power supply Power input voltage: AC 100 V ~ 240 V 50/60 Hz Machine power connector: Pin socket/ DC socket Machine working voltage: 5 V 4 A & 12 V 1 A Machine power consumption : 0.75W ~ 3W	
Work Environment:	<ul style="list-style-type: none"> ➤ Storage temperature: -40 ~ 70 °C ➤ Working temperature: -10 ~ 55° C ➤ Working humidity: 5% ~90% non-condensing 	
Mechanical structure :	<ul style="list-style-type: none"> ➤Size:94× 72×27mm ➤ Weight: 0.15kg (external) body ➤ Body color: Metal, Black 	



▼ Product size



▼ Application topology diagram

