QuickTreX Gigabit SFP LC to RJ45 Fiber Optic Media Converter - Singlemode or Multimode Compatible
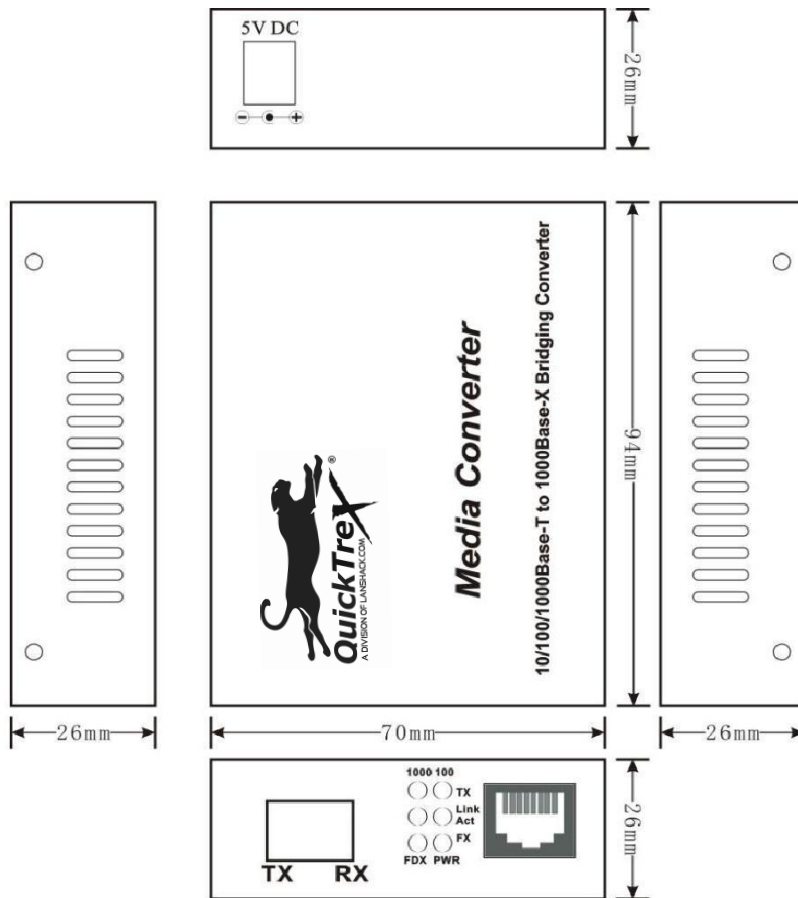
Overview

SKU: QT-GBMC-SFP-1000

This Media Converter is a 10/100/1000Mbps adaptive gigabit Ethernet Media Converter. It includes one 10/100/1000Mbps UTP port and one 1.25Gbps fiber port. It extends the transmission distance of a network from 100m via copper cables to 120km.It can extend the transmission distance, and also with many other advantages such as isolation protection, good data security, working stable and easy to maintain.
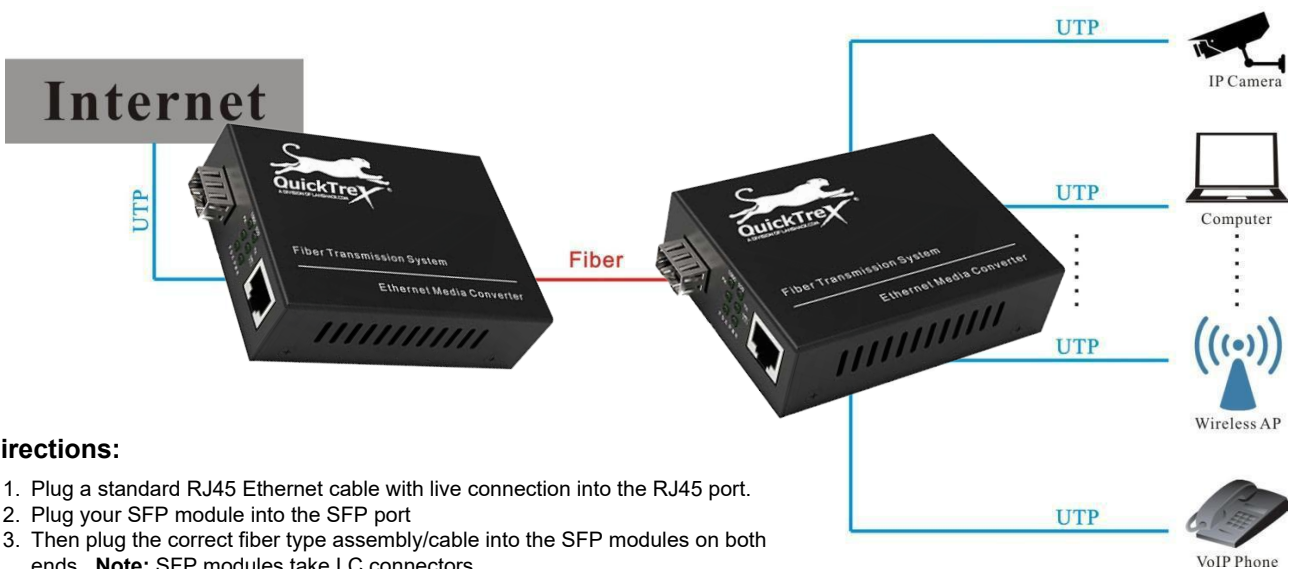

Features

➢ 1×1000Base-SFP to 1×10/100/1000Base-T Port

➢ RJ45 support auto MDI/MDI-X function

➢ Auto-negotiation speed, half/full-duplex

➢ Each port has the complete LED Indicator light

➢ Support IEEE802.1d Spanning Tree

➢ Supports high performance QoS function on each port

➢ Flow control fully supported

➢ Support broadcast storm protection

➢ Wide-range redundant power design (DC 5~12V)

➢ 1× SFP slot o

➢ Support max forwarding packet length 9K bytes option

➢ Requires no configuration and will instantly operate as soon as you power it up

➢ Small volume

➢ Low power consumption

➢ Support fault propagation

Dimension

Application/Directions

Directions:

1. Plug a standard RJ45 Ethernet cable with live connection into the RJ45 port.
2. Plug your SFP module into the SFP port
3. Then plug the correct fiber type assembly/cable into the SFP modules on both ends. **Note:** SFP modules take LC connectors.
4. Run your fiber to the the location you are extending your network to.
5. Plug your fiber into the SFP module. **Important: Polarity must be crossed to receive a connection. TX must connect RX and RX must connect to TX**
6. On the extension network end plug a Ethernet patch cable into whatever device you are trying to provide an Internet connection to.

Specifications

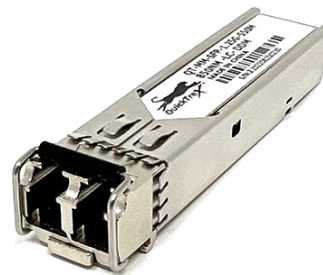|		
Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX/FX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX	IEEE802.3x Flow control IEEE802.1q VLAN IEEE802.1p QoS IEEE802.1d Spanning Tree
Copper Port	➢ Connector:RJ45 ➢ Data Rate: 10/100/1000M ➢ Distance: 0～100m ➢ UTP Type:UTP-5E, Cat6/E, Cat 6A, Cat7, and Cat8	
Fiber Port	➢ Connector: SFP slot (LC) ➢ Data Rate: 1.25G ➢ Optical wavelength:850nm/1310nm/1490nm/1550nm ➢ Distance: 0～120km	
Performance	➢ Processing Type : Store and Forward ➢ MAC Table Size: 2K ➢ Buffer Space: 1Mbit ➢ Maximum Packet Length:9K bytes ➢ Time Delay:＜20μs	
Power	➢ Input Voltage:AC100V～240V 50/60Hz ➢ Connector: DC Socket ➢ Working Voltage:5VDC ➢ Power Consumption: 0.75W～3W	
Environment	➢ Storage Temperature: --40 ˚C ~ +70 ˚C ➢ Operating Temperature: -10 ˚C ~ +55 ˚C ➢ Relative Humidity: 5-95% (no condensation)	
Physical Characteristics	➢ Dimension: 94×70×26mm ➢ Weight:0.15kg ➢ Color: Metal、Black	

SFP Ordering Information

QuickTreX 1.25 Gigabit Singlemode
LC Duplex SFP Fiber Optic Transceiver
Hot Pluggable - 2km Meters at 1310nm

QuickTreX 1.25 Gigabit Multimode
LC Duplex SFP Fiber Optic Transceiver
Hot Pluggable - 550 Meters at 850nm

SKU: QT-SM-SFP-1.25G-20KM

SKU: QT-MM-SFP-1.25G-550M