

BT321TE1T

1Port Fiber Ethernet Media Converter



Key Features:

- Complies with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-T, IEEE 802.3ae 10GBASE-T,
- TP port supports 10/100/1000/10G BASE-T auto-negotiation and auto-MDI/MDI-X
- 10GBASE-T: 6 UTP cable, up to 100 meters
- Wall Mountable design
- LED indicators for easy network diagnostics
- Compact in size, easy installation

Introduction

This BT321TE1T 10G media converter extends network distance with highly 10G performance via fiber optic cable. It provides media conversion between 10/100/1000/10G BASE-T and 10G BASE-SX/LX interfaces. There are SFP+ connectors with single-mode or multi-mode media for different distance solution as required. The Ethernet signal allows three types of segments to connect easily, efficiently and inexpensively. As this Gigabit Media Converter fully complies with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-T, IEEE 802.3ae 10GBASE-LX/SX, the 10G media conversion installation is quite quick and easy with its plug and play feature. The BT321TE1T also supports flow control and back pressure in half-duplex to eliminate packet loss..

Easy Installation

This BT321TE1T fiber converter allows two types of the segment to connect easily. It can be used as a standalone unit when powered by its DC adapter or used as a slide-in module to 14-slot media converter chassis. These media chassis can assist in producing the power for the converters to maintain the fiber-optic network at one location. As the Media Converter fully complies with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3ae 10GBASE-LX/SX and IEEE 802.3ae 10G BASE-LX/SX, the 10G media conversion installation is quite quick and easy with its plug and play feature. The fiber converter also supports flow control and back pressure in half-duplex mode to eliminate packet loss.

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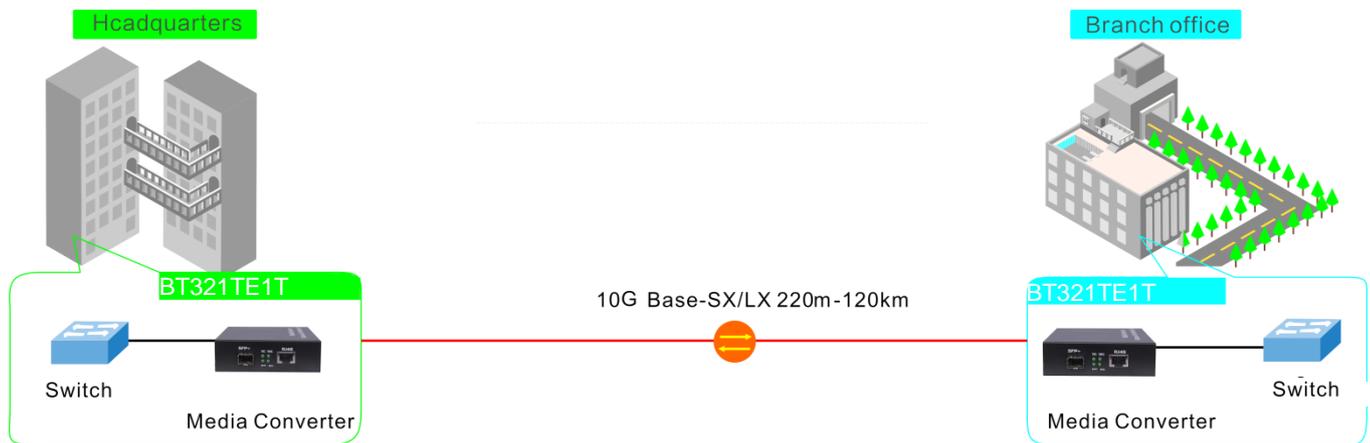


Technical Datasheet

Model	BT321TE1T	
Hardware Specifications		
Connector	1*10/100/1000/10G BASE-T RJ45 auto MDI/MDIX ports 1*10G Base-X SFP Slots	
Processing types	Store and forward	
LED Display	Power Indicator: PWR(green). Network Indicator: Link(green) Fiber: Green	
Thermal Fan	Fanless Design	
Network Standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab/z 1000 BASE-TX IEEE 802.3an 10GBASE-T IEEE 802.3ae 10Gbps Ethernet IEEE802.3x Flow Control IEEE802.3az EEE	
Jumbo Frame	9K	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	40Gbps
	Packet forwarding rate	29.8Mpps
	MAC address	8k
Power requirement	DC 5V	
ESD Protection	6KV ESD	
Dimension (W x D x H)	70 x 90 x 26mm (W x D x H)	
Weight	0.3kg	
Environment	Operating temperature: -20°C~55°C, operating humidity: 5%~95% Storage temperature: -40°C~75°C, storage humidity: 5%~95%	
Safety	FCC Part15 Class A,CE,RoHs	

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Ordering Information

BT321TE1T	1ch 10/100/1000/10G BASE-T to 10GBASE-X SFP Fiber Converter. SFP Excluded
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