

# TRICOM MEDIA CONVERTER 8 E + 1 FIBER 100 & GIGA SINGLE MODE DUAL FIBER

## Description

The 8 E + 1 Fiber SMDF 100 & Giga multi-port fiber media converter, also named unmanageable fiber switch, it has the similar functions as normal fiber media converter, when you use the converter, all the data from different ports can be shared, realize the data sharing. It is suitable for intelligent community; it extends the network transmission from 100m to 120km. Also it can be realizing the interconnection between motherboard server, Repeaters, hubs, switches, terminal. Plug and play design makes easy installation, no on-site adjustment, All the light, electricity interfaces are in line with international standards, products applicable to different harsh industrial environment. The installation and operation procedures of the Fiber Optic Media Converter are simple and straight forward. Operation status can be monitored through a set of Diagnostic LED located in the front panel. Since the data rate is auto-negotiated, no internal adjustments or setting are necessary. Standard shielded RJ-45 connectors are provided for Cat. 5 compliances.

## Features

- \* Supports 10/100/1000Base-T, 100/1000Base-X protocol.
- \* Flow control for full duplex and half duplex.
- \* Supports up to 10k byte JUMBO frame.
- \* Supports Fiber Port Trunking, Increasing Fiber Channel Bandwidth and Supply Fiber Channel Redundancy.
- \* Supports Ports Based VLANS and TAG Based VLANS.
- \* In conformity to safety code of FCC and CE MARK.
- \* Connector: Multi-UTP RJ-45connector, one or two fiber connector
- \* Operation mode: full duplex mode or half duplex mode
- \* Power supply parameter: DC 5V 1A/2A
- \* Environmental temperature: 0-50°C
- \* Relative humidity: 5%-90%
- \* UTP cable: Cat5 UTP cable
- \* Transfer fiber: multimode (50/125, 62.5/125 or 100/140um); single mode ( 8.3/125, 8.7/125, 9/125 or 10/125um).

## Specification

Optical Interface	Connector	SC (100/1000 Base FX)
	Data Rate	100 or 1000Mbps Download and Upload:100 or 1000Mbps with error rate of zero
	Duplex Mode	Half / Full duplex
	Fiber	MM 50/125um,62.5/125um
		SM 9/125um
	Distance	20KM
	Fiber Type	DUAL FIBER (Single Mode Single Fiber, Multimode Fiber)
	Wavelength	MM850nm, SM 1310nm, 1490nm, 1550nm.
		WDMTx1310/Rx1550nm (A side), Tx1550/Rx1310nm (B side) WDMTx1490/Rx1550nm (A side),Tx1550/Rx1490nm (B side)
UTP Interface	Connector	1 Port Ethernet 100 or 1000 Base-TX (RJ45)
	Data Rate	100 or 1000Mbps
	Duplex Mode	Half/full duplex
	Cable	Cat5,Cat6
Power Input	Adapter Type	DC5V
	Power Built-in Type	AC100~240V50/60Hz
Power Consumption		<3W
Weight	Adapter Type	0.39kg
	Power Built-in Type	0.67kg
Dimensions	Adapter Type	94*70.5*26.5mm
	Power Built-in Type	140.5*111*30mm
Temperature	0~55°C Operating;-	
Humidity	0~90%(no condensing)	
MTBF	10.0000h	
Certification	CE, FCC, RoHS	

## Application

- \* Extend your Ethernet connection up to 0~120km away using fiber optics.
- \* Creates an economical Ethernet-fiber/copper-fiber link for connecting remote sub-networks to larger fiber optic networks/backbones.
- \* Converts Ethernet to fiber, fiber to copper/Ethernet, ensuring optimum network Scalability for connecting two or more Ethernet network nodes (e.g. connecting two buildings on the same campus).
- \* Designed to provide high-speed bandwidth for demanding large scale work groups that require expansion of Gigabit Ethernet Network.
- \* Intelligent transportation supervisory system (ITS)
- \* High-speed Way supervisory/Tele-Communication System
- \* Large corporations, network security monitoring system, multifunction system
- \* Long-distance Multi-Media Schooling, Campus monitoring, long-d istance broadcast television transmission system

