

# Fiber Media Converter

## 10/100/1000 Mbps Single Fiber Media Converter

10/100/1000M Media Converter with Multi Optical Ports Multi Electrical Ports and external power supply series is 10/100/1000M auto-adaptation Ethernet fiber optic media converter, supporting the 10/100/1000BASE-TX twisted-pair electrical signal and the 1000BASE-FX light signal interconversion. It expands the network transmitting range limit from the copper wire 100 meters to 2 kilometers (multi- model optical fiber); 120 kilometers (single model optical fiber), and can easily realize the link between HUB, SWITCH, the server, the terminal and long-distance terminal. 10/100/1000M Media Converter with Multi Optical Ports Multi Electrical Ports and external power supply series support plug and play, which means that it can work either independently or with others in a rack case.

### FEATURES

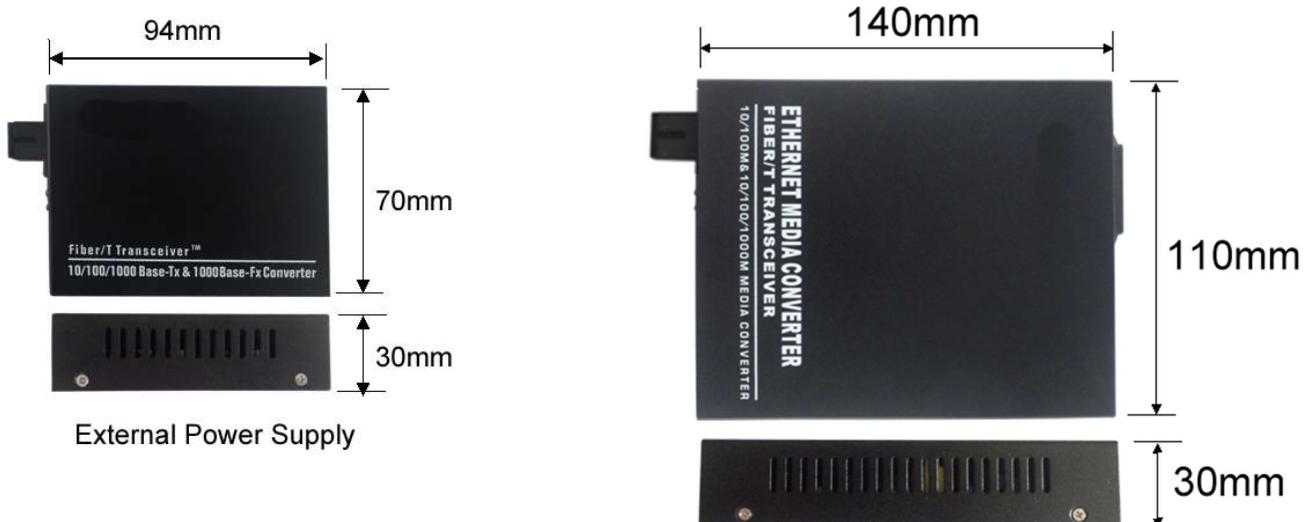
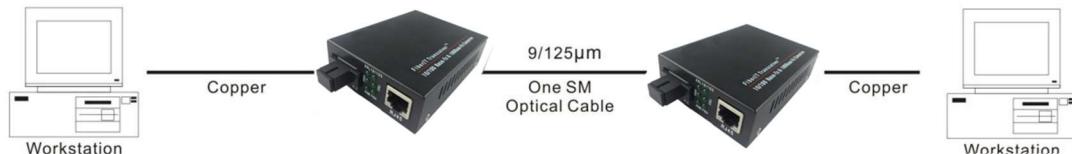
- Complies with IEEE 802.3 10 Base-T standard.
- Complies with IEEE 802.3u 10/100 Base-TX/FX standard.
- Complies with IEEE 802.3X standard.
- 10/100/1000Mbps port with full/half duplex auto-negotiation
- Back pressure flow control for full duplex
- Converter mode with auto-change-forward(Switch)function
- Back pressure flow control for full/half duplex IEEE802.3X.
- Automatic identification of MDI/MDI-X cross-line.
- High-performance 1.25Gbps bandwidth.



### APPLICATION

- Apply to ready to rise to 1000M extended enterprise network up to 120km
- Apply to images, voice and other multimedia data on an integrated transport network point
- Applies to the computer signal transmission in need of the occasion widely used for computer data transmission network to meet a variety of business needs
- Apply to the campus broadband network, broadcasting network and intelligent residential broadband fiber-to-floor fiber to the home data transfer with the switches and other computer network equipment can be combined to form:-chain, star, ring-type network and other computer networks

**SM**



## SPECIFICATIONS

Standard Protocol	IEEE802.3 10 Base-T standard	
	IEEE802.3u 10/100Base-TX/FX standard	
	IEEE802.1q, IEEE802.1p QoS,	
	IEEE802.1d Spanning Tree	
	IEEE 802.3z standard	
	IEEE 802.3ab standard.	
Band Width	RJ 45 Port:10/100/1000Mbps	Optical Port: 1.25Gbps



Operation Mode	Full /Half duplex mode	
Connectors	UTP : RJ-45	Fiber connector: SC/ST/FC
Operation Mode	Full /Half duplex mode	
LED Indicators	POWER, FPL,10/100, FRX, TRX , FDX.	
Power Supply	External	DC5V 2A
	Internal	AC110-250V/50Hz
		DC -32~-72V
	Power Consumption	≤5W
Environmental Parameters	Work Temperature	0°C~50°C (32 °F ~ 122 °F )
	Storage Temperature	-40°C~70°C (-40 °F ~ 158 °F )
	Humidity	5%~90% non-condensing
TP Cable	Cat5 UTP cable (the max distance up to 100m)	
Fiber Cable	8. 3/125, 8. 7/125, 9/125, 10/125μm(the max distance up to 20 -120km)	
	50/125, 62. 5/125μm(the max distance up to 2km or 5km)	
MTBF (Hours)	>50000	
Dimensions(mm)	External power supply	94mm*70mm*25mm (3.7 *2.8*0.98 inch)
	Internal power supply	140mm*110mm*30mm (5.5 *4.3 *1.2 inch)
	Socket Card	157mm*128mm*31mm (6.2 *5.1 *1.2 inch)
Gross Weight	External power supply	0.4 kg
	Internal power supply	0.8kg
	Socket Card	1.0kg
Emission/Safety	FCC Part 15 , Class A, RoHS and CE Mark	