

## 10/100 Mbps Single Fiber Media Converter

### DESCRIPTION

10/100Mbps auto-negotiation Media Converter is the network communication device that realizing smooth network upgrade without any additional cost. It is high-performance, cost effective and flexible solutions for a wide range of applications in the field of LAN campus network. It completely conforms to 10Base-T, 100Base-TX, 100Base-FX and IEEE 802.3x standards, and can connect with Person Computer, SERVER, HUB and SWITCH. It can be set into full/half duplex auto-negotiation by manual, and it has two transmission mode: SM and MM, and its interface has many selectable optic fiber connectors and RJ-45 connector.



### FEATURES

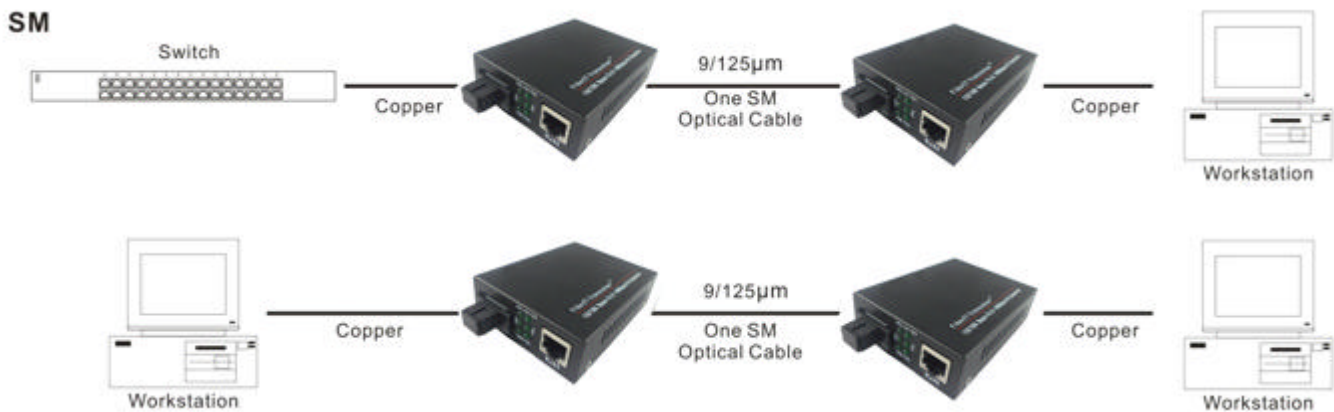
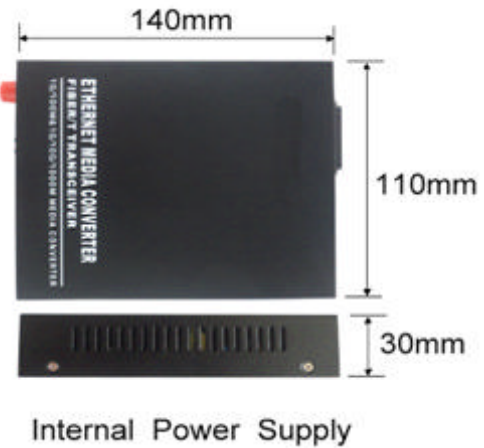
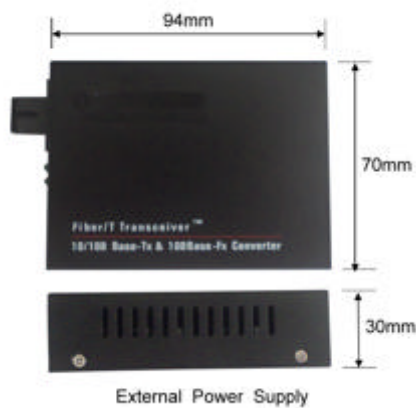
- Complies with IEEE 802.3 10 Base-T standard.
- Complies with IEEE 802.3u 10/100 Base-TX/FX standard
- Complies with IEEE 802.3X standard
- 10/100/ Mbps port with full/half duplex auto-negotiation
- Back pressure flow control for full duplex
- Twisted-pair connector: NODE/HUB or SWITCH (5 class UTP)
- Back pressure flow control for full/half duplex IEEE802.3X
- Automatic identification of MDI/MDI-X cross-line
- High-performance 155Mbps memory bandwidth
- Complies with FCC, 15 CLASS A , RoHS and CE MARK



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### APPLICATION

- Apply to ready to rise to 10M extended enterprise network bandwidth 100M
- 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



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### TECHINCAL SPECIFICATIONS

Standard Protocol	IEEE802.3 10 Base-T standard	
	IEEE802.3u 10/100Base-TX/FX standard	
	IEEE 802.3d standard.	
	IEEE 802.3Q standard.	
Band Width	RJ 45 Port: 10/100Mbps	Optical Port: 155Mbps
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	DC-48V,DC24V,DC12V,DC5V
	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	