GE-SFP-SAC

The GE-SFP-SAC Media Converter provides a cost-effective method for integrating fiber optic cable into a 10/100/1000 UTP environment. With its miniature size, the media converter offers a space saving alternative while it converts copper to fiber efficiently.

The media converter supports one dual speed Small Form Factor (SFP) hot-pluggable slot, auto-sense with 100Mbps or 1Gbps SFP transceivers. Its high reliability is useful for interconnecting broadband data networks.

Features

- Provides one 100Mbps/ 1Gbps optical port and one 10/100/1000Mbps adaptive electrical port

- Jumbo Frame (up to 10KByte)

- Auto-Negotiation

- Auto MDI/MDIX
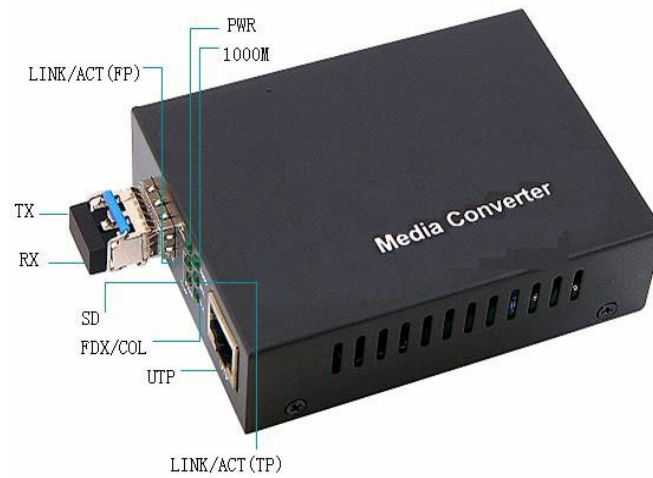
- LEDs to allow quick status information

Application

- Connect Fast Ethernet and Gigabit network equipment

- Connect to 100Mbps or 1Gbps devices

- Extend Ethernet distances over fiber optic cable

Technical Parameters

Item	Description
Standard	IEEE Std. 802.3z, IEEE 802.3ae
Support	10/100/1000Base-T: Cat5 UTP/STP. Max 100m
Electrical interface	Rate：10/100/1000Mbps Transmission distance：0-~100m Interface type：RJ45
Optical port	Interface type: SFP Transmission rate: 100Mbps or 1000Mbps Fiber type: Multimode: 50/125um, Single mode: 9/125um Transmission distance: 300m~160Km
Operating wavelengths	850nm, 1310nm, 1550nm
Filtering Address	1K MAC Addresses
Dimensions	94mm x 70mm x 26mm (L x W x H)
Weight	0.17kg
Standalone Power Supply Adapter	External AC/DC power supply, Universal AC input Output Voltage: 5V DC @ 1A Power Consumption: 2 Watts maximum
Operating Temperature	0 to 60ºC
Relative humidity	5% ~ 95% (non-condensing)
Storage Temperature	-40 ~ 85ºC

LED Status

LED	Status	Status	Description
PWR	Power Indicator Light	ON	Power is turned ON
		OFF	Power is turned OFF
1000M	UTP Speed	ON	1000 Mbps
		OFF	10/100 Mbps
Link/ACT (FP)	Fiber Port Link/ Active	ON	Fiber Port is Linked
		OFF	Fiber Port is not Linked
		Blink	Fiber Port is active
Link/ACT (TP)	UTP Port Link/ Active	ON	UTP is Linked
		OFF	UTP is not Linked
		Blink	UTP Port is active
SD	Fiber Signal Detection	ON	Fiber Signal is detected
		OFF	Fiber Singal is not detected
FDX/COL	UTP Duplex/ Collision	ON	UTP is full duplex connection
		OFF	UTP is half duplex connection