

1G1E-F Series Media Converter



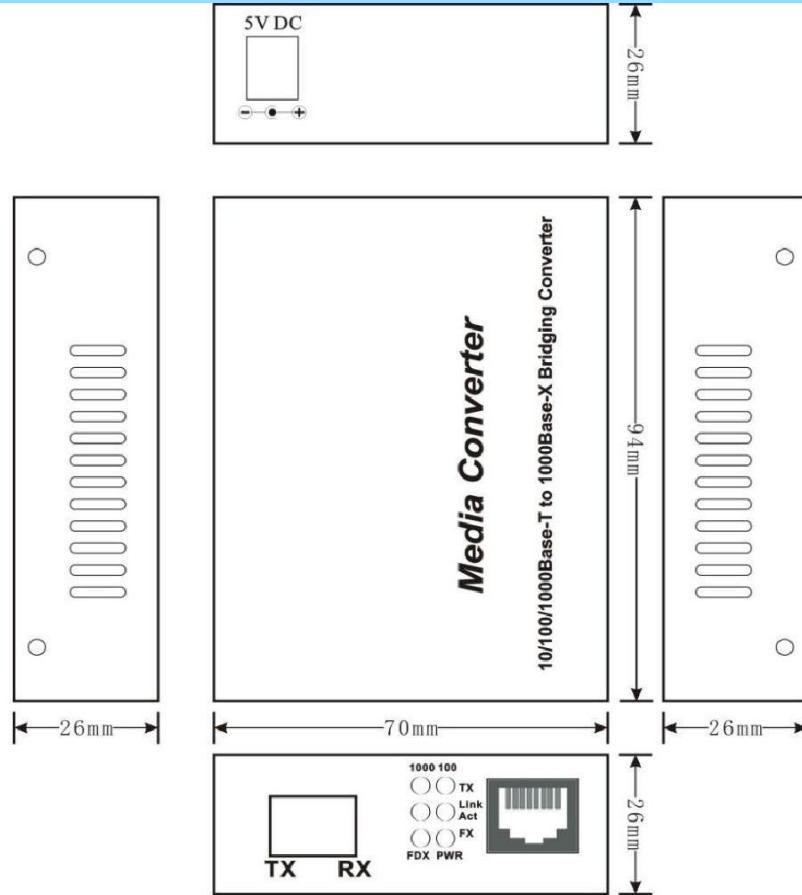
Description

The Media Converter is a 10/100/1000Mbps adaptive gigabit Ethernet Media Converter. It has one 10/100/1000Mbps UTP port and one 1.25Gbps fiber ports. It extends the transmission distance of a network from 100m via copper cables to 120km. It can extend the transmission distance, and also with many other advantages such as isolation protection, good data security, working stable and easy to maintain.

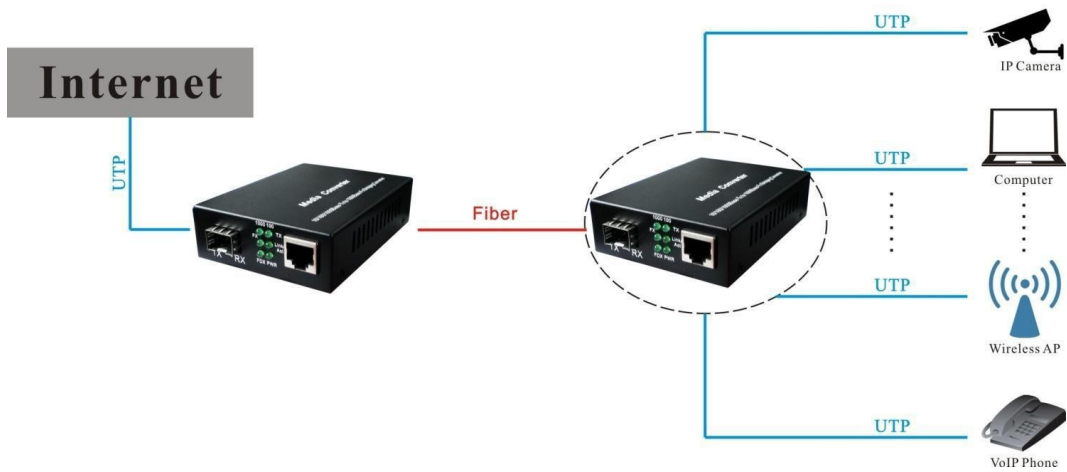
Features

- 1×1000Base-SFP to 1×10/100/1000Base-RJ45 Port;
- RJ45 support auto MDI/MDI-X function;
- Auto-negotiation speed, half/full-duplex;
- Each port has the complete LED Indicator light;
- Support IEEE802.1d Spanning Tree;
- Supports high performance QoS function on each port;
- Flow control fully supported;
- Support broadcast storm protection;
- Wide-range redundant power design (DC 5~12V);
- 1×9 fixed fiber module or SFP slot optional;
- Support max forwarding packet length 9K bytes option;
- Requires no configuration and will instantly operate as soon as you power it up;
- Small volume;
- Low power consumption.

Dimension



Application



Specification

Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX/FX VLAN IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX	IEEE802.3x Flow control IEEE802.1q IEEE802.1p QoS IEEE802.1d Spanning Tree
Copper Port	<ul style="list-style-type: none"> • Connector:RJ45 • Data Rate: 10/100/1000M • Distance: 0~100m • UTP Type:UTP-5E or higher level 	
Fiber Port	<ul style="list-style-type: none"> • Connector: SC/FC/ST/SFP slot • Data Rate: 1.25G • Optical wavelength:850nm/1310nm/1490nm/1550nm • Distance: 0~120km 	
Performance	<ul style="list-style-type: none"> • Processing Type : Store and Forward • MAC Table Size: 2K • Buffer Space: 1Mbit • Maximum Packet Length:9K bytes • Time Delay:<20μs 	
Power	<ul style="list-style-type: none"> • Input Voltage:AC100V~240V, 50/60Hz • Connector: DC Socket • Working Voltage:5VDC • Power Consumption: 0.75W~3W 	
Environment	<ul style="list-style-type: none"> • Storage Temperature: -40 °C ~ +70 °C • Operating Temperature: -10 °C ~ +55 °C • Relative Humidity: 5-95% (no condensation) 	
Physical Characteristics	<ul style="list-style-type: none"> • Dimension: 94×70×26mm • Weight:0.15kg • Color: Metal、 Black 	

Order Information

1×1000Base-X to 1×10/100/1000Base-T, SFP slot

1×1000Base-X to 1×10/100/1000Base-T, SMF, 1310nm, SC, 20km

1×1000Base-X to 1×10/100/1000Base-T, Bi-Di TX1310/RX1550nm, SC, 20km

1×1000Base-X to 1×10/100/1000Base-T, Bi-Di TX1550/RX1310nm, SC, 20km

1×1000Base-X to 1×10/100/1000Base-T, SMF, 1310nm, SC, 40km

1×1000Base-X to 1×10/100/1000Base-T, Bi-Di TX1310/RX1550nm, SC, 40km

1×1000Base-X to 1×10/100/1000Base-T, Bi-Di TX1550/RX1310nm, SC, 40km

Note:

1. Power supply provided by user or order additionally.
2. SC connector as default, FC/ST/SFP slot as request.

For More Information:

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