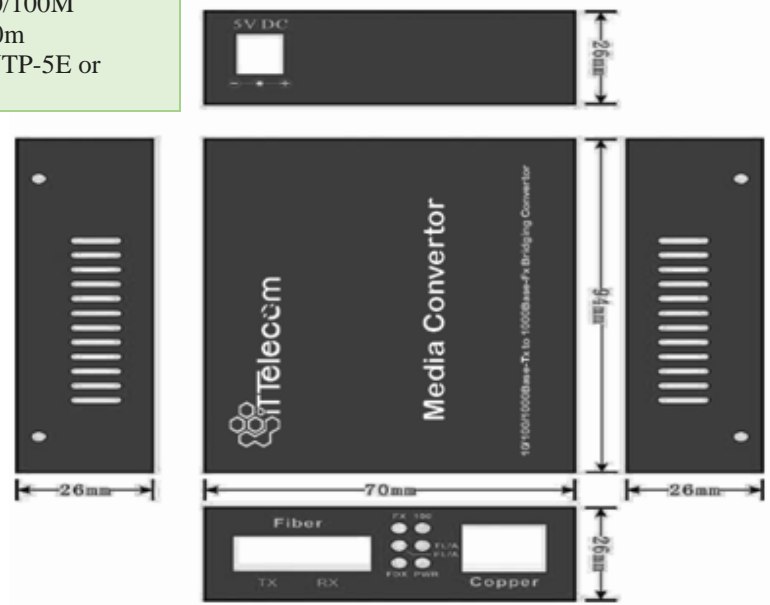# Media Converter
1G1E Series Fiber Switch

P/N: ITT-MC3894

The ITT-1G1E is a 10/100/1000Mbps adaptive gigabit Ethernet Fiber Switch. It has one 10/100/1000Mbps Ethernet port and one 1.25Gbps fiber port. It extends the transmission distance from 100m to 120km via copper cables. There are also many other advantages such as isolation protection, good data security, working stability and easy maintenance.

- Support the switch between 10/100/1000Base-T and 1000Base-SX/LX
- 1*1.25Gbps full duplex fiber port, 1*10/100/1000M adaptive Ethernet port
- Support 10/100/1000M rate, support MDI/MDI-X adaptive, support full/half duplex adaptive
- Each port has the complete LED Indicator light
- Support IEEE802.1d Spanning Tree
- Support high performance QoS function on each port
- 1*9 fixed fiber module or SFP slot optional
- Support 9K bytes Jumbo Packet
- Low time delay, data isolation function
- Require no configuration and will instantly operate as soon as you power it up
- Small volume

General characteristics	
Standards	IEEE802.3u 100 Base-TX/FX
Certifications	CCC, CE, FCC, RoHS
Ethernet Port	Connector: RJ45 Data Rate: 10/100M Distance: 100m UTP Type: UTP-5E or higher level

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Media Converter

Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX/FX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX	IEEE802.3x Flow control IEEE802.1p QoS IEEE802.1d Spanning Tree IEEE802.1q VLAN
Certifications	CCC, CE, FCC, RoHS	
Ethernet Port	➢ Connector: RJ45 ➢ Data Rate: 10/100/1000M ➢ Distance: 100m ➢ UTP Type: UTP-5E or higher level	
Fiber Port	➢ Connector: SC/FC/ST/SFP slot ➢ Data Rate: 1.25Gbps ➢ Distance: 600m ~ 100km	
Performance	➢ Processing Type: Store and Forward ➢ MAC Table Size: 2K ➢ Buffer Space: 1Mbit ➢ Maximum packet length: 9K ➢ Back bandwidth: 4G ➢ Time Delay: < 20µs	
Power	➢ Power type: external power supply ➢ Input Voltage: AC100V ~ 240V 50/60Hz ➢ Connector: DC Socket ➢ Working Voltage: 5V ➢ Power Consumption: 0.75W ~ 3W	
Environment	➢ Storage Temperature: -40～70℃ ➢ Operating Temperature: -10～55℃ ➢ Relative Humidity: 5-95% (no condensation)	
Warranty	1 year	
Physical Characteristics	➢ Dimension: 94×70×26mm(external),140×110×29mm(internal) ➢ Weight: 0.35kg(internal),0.35kg(external) ➢ Color: Metal, Black	

1×100Base-FX to 1×10/100Base-TX, dual fiber, SC,20km
1×100Base-FX to 1×10/100Base-TX, TX1310/RX1550nm, SC, 20km
1×100Base-FX to 1×10/100Base-TX, TX1550/RX1310nm, SC, 20km
1×100Base-FX to 1×10/100Base-TX, dual fiber, SC,40km
1×100Base-FX to 1×10/100Base-TX, TX1310/RX1550nm, SC, 40km
1×100Base-FX to 1×10/100Base-TX, TX1550/RX1310nm, SC, 40km

Note:
1. Power supply provided by user or order additionally.
2. SC slot connector as default, FC/ST slot as request.
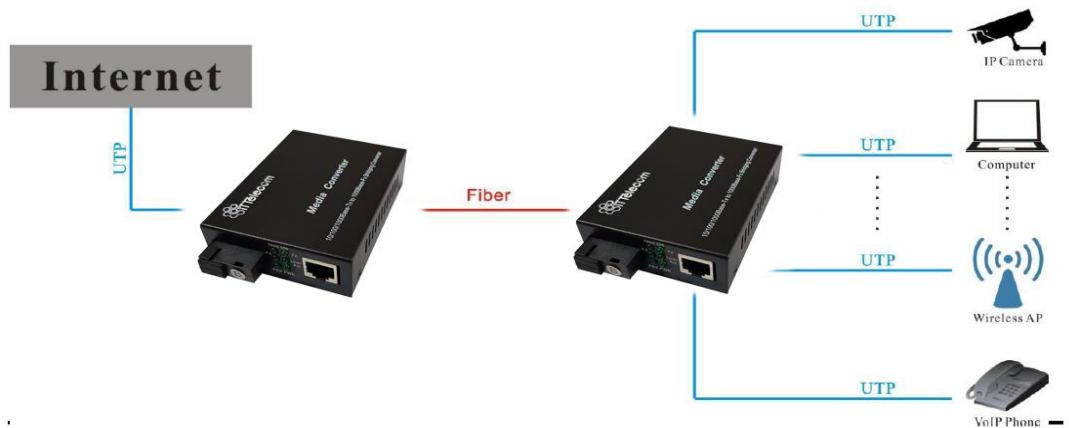
SERVICES:
Guaranteed Warranty