



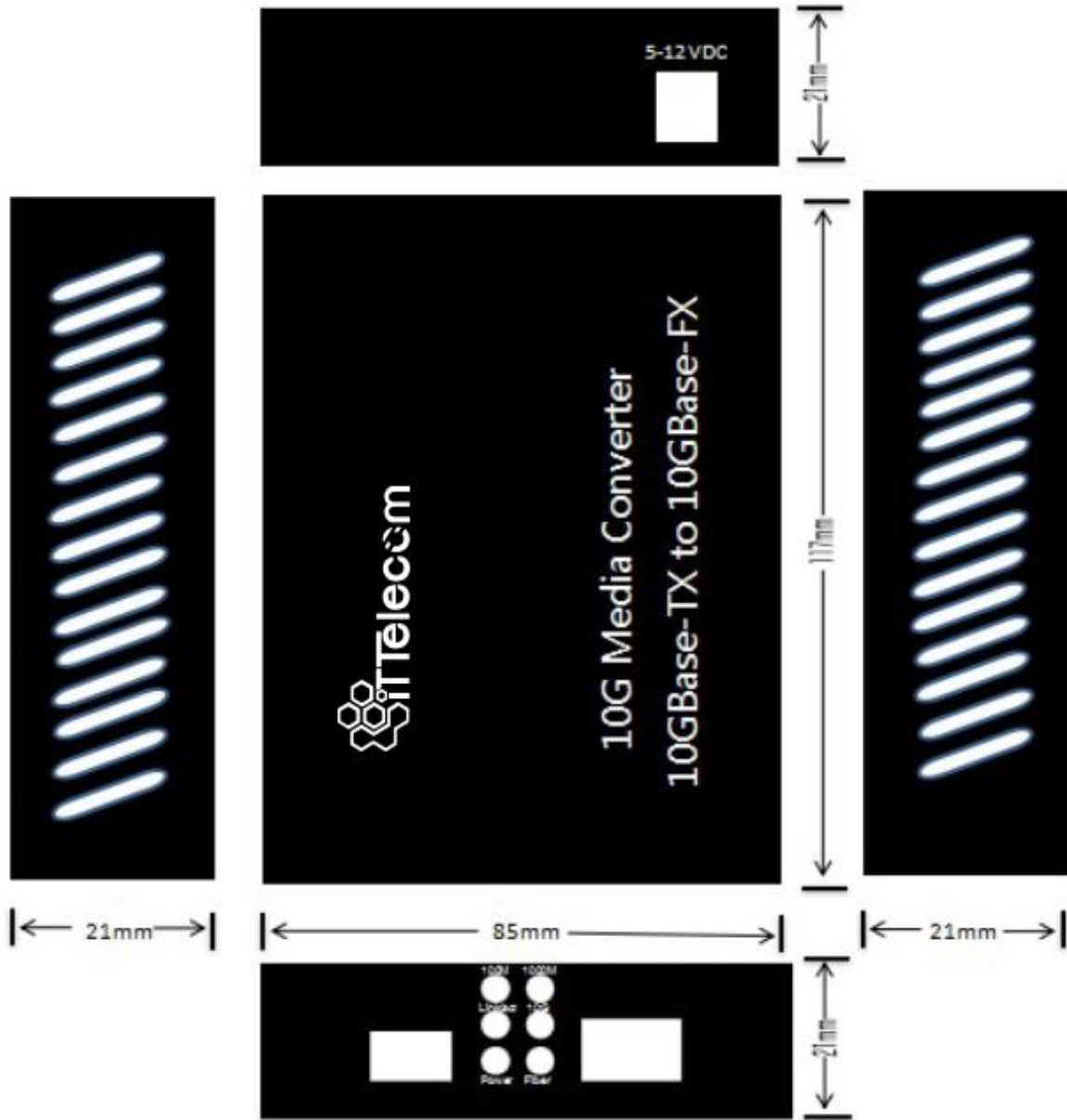
Features:

- Adopts Marvell chip, which ensures non-blocking data transmission, security and stability
- Supports 10Gbase - T to 10Gbase-SR/LR/ER/ZR on the Ethernet port
- Support 3R (Balanced amplification, clock extraction, integral regeneration) function on the fiber port to ensure small data jitter.
- Small latency on the data transmission.
- Support various wavelengths including 850nm, 1310nm, 1550nm and CWDM/DWDM under ITUT rule.
- Supports Jumbo Frame.

Description:

The ITT-MC-1G1SFP+ 10G media converter is an Ethernet converter between Ethernet electrical signal and optical signal. It converts between short distance twisted pair signal of 10GBase-TX and 10GBase-FX optical signal. Customer can choose different SFP modules to achieve the smooth conversion and connection. It has 1 10G fiber port and 1 RJ45 port. Except extending the transmission distance, there are also many other advantages such as isolation protection, good data security, working stability and easy maintenance.





Technical Parameters:

<ul style="list-style-type: none"> Standards 	<ul style="list-style-type: none"> ➤ IEEE802.3 10Base-T ➤ IEEE802.3u 100Base-TX/FX ➤ IEEE802.3ab 1000Base-T ➤ IEEE802.3z 10GBase-SX/LX ➤ IEEE802.3x Flow control ➤ IEEE802.1q VLAN ➤ IEEE802.1p QoS ➤ IEEE802.1d Spanning Tree
<ul style="list-style-type: none"> Certifications 	<ul style="list-style-type: none"> ➤ CCC, CE, FCC, RoHS
<ul style="list-style-type: none"> Ethernet Port 	<ul style="list-style-type: none"> ➤ Connector: RJ45 ➤ Data Rate: 10G ➤ Distance: 100m ➤ UTP Type: UTP-5E or higher level
<ul style="list-style-type: none"> Fiber Port 	<ul style="list-style-type: none"> ➤ Connector: SFP slot ➤ Data Rate: 10Gbps ➤ Optical Wavelength: 850nm/1310nm/1490nm/1550nm ➤ Optical Fiber Type: Single mode 9/125μm; Multi mode 50/125μm、 62.5/125μm ➤ Distance: 550m ~ 100km
<ul style="list-style-type: none"> Performance 	<ul style="list-style-type: none"> ➤ Processing Type: Store and Forward ➤ Transmission Mode: Full/half-duplex auto-adaptive ➤ MAC Table Size: 2K ➤ Buffer Space: 1Mbit ➤ Time Delay: < 20μs
<ul style="list-style-type: none"> Power 	<ul style="list-style-type: none"> ➤ Power type: external power supply ➤ Input Voltage: AC100V ~ 240V 50/60Hz ➤ Connector: DC Socket ➤ Working Voltage: 5V4A&12V ➤ Power Consumption: 0.75W ~ 3W
<ul style="list-style-type: none"> Environment 	<ul style="list-style-type: none"> ➤ Storage Temperature: -40 ~ 70°C ➤ Operating Temperature: -10 ~ 55°C ➤ Relative Humidity: 5-90% (no condensation)
<ul style="list-style-type: none"> Physical Characteristics 	<ul style="list-style-type: none"> ➤ Dimension: 117×85×21mm ➤ Weight: 0.1kg ➤ Color: Metal, Black