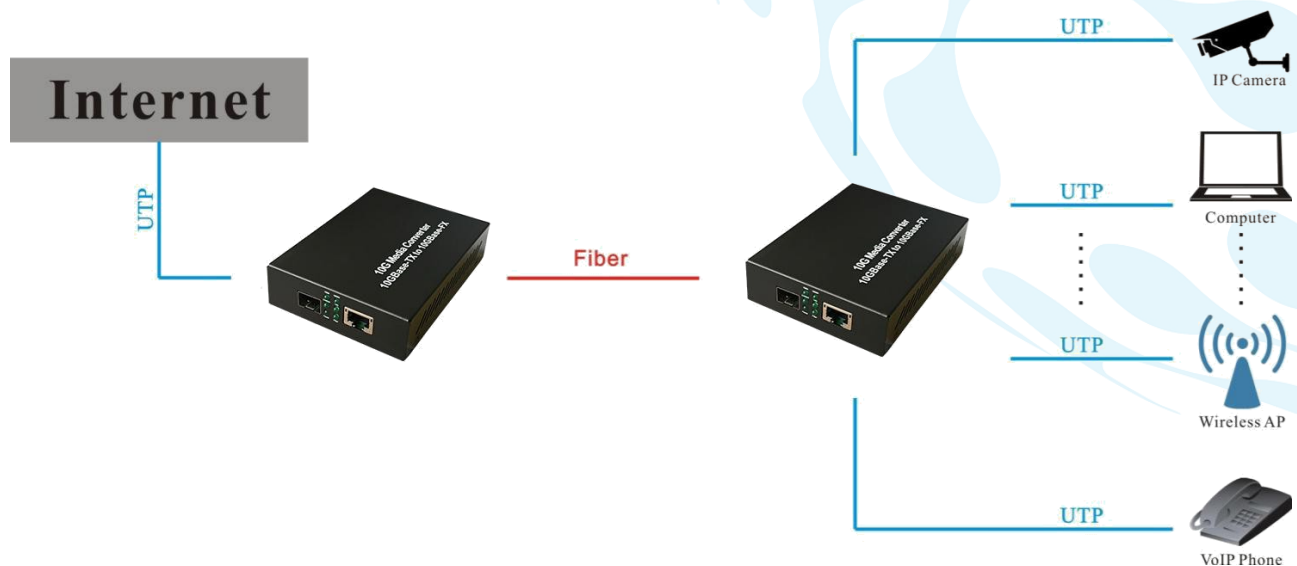## 10G SFP+ to RJ45 converter

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.

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.
- 2-Year warranty
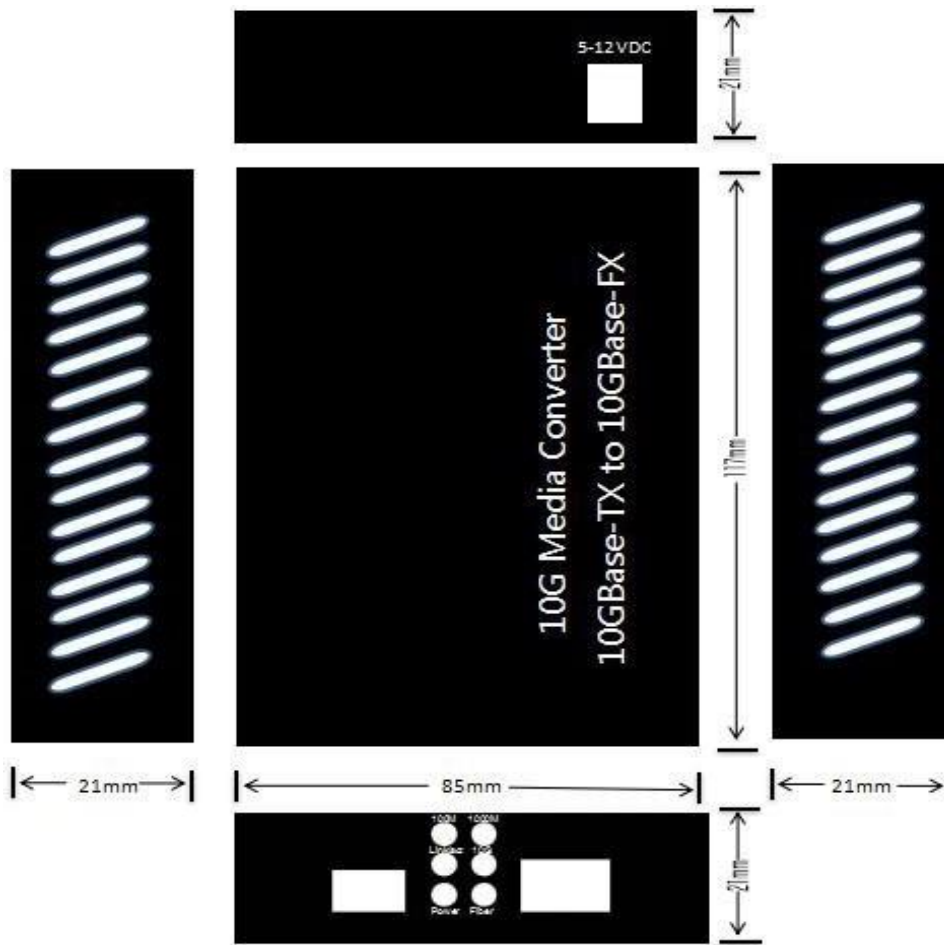- Excellent heat elimination without cooling fan.

somi
NETWORKS

Technical specifications

Standards	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
Certifications	CCC, CE, FCC, RoHS	
Ethernet Port	➢ Connector: RJ45 ➢ Data Rate: 10G ➢ Distance: 100m ➢ UTP Type: UTP-5E or higher level	
Fiber Port	➢ 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	
Performance	➢ Processing Type: Store and Forward ➢ Transmission Mode: Full/half-duplex auto-adaptive ➢ MAC Table Size: 2K ➢ Buffer Space: 1Mbit ➢ Time Delay: ＜20μs	
Power	➢ Power type: external power supply ➢ Input Voltage: AC100V～240V 50/60Hz ➢ Connector: DC Socket ➢ Working Voltage: 5V4A&12V ➢ Power Consumption: 0.75W～3W	
Environment	➢ Storage Temperature: -40～70℃ ➢ Operating Temperature: -10～55℃ ➢ Relative Humidity: 5-90% (no condensation)	
Warranty	1 year	
Physical Characteristics	➢ Dimension: 117×85×21mm ➢ Weight: 0.1kg ➢ Color: Metal, Black	

Dimensions

Ordering information

Part Number	Description
MCSFP10G/20G	10G SFP+ to RJ45 converter with 1 SFP+ port and 1 RJ45 port