

## W10G-F Series Media Converter

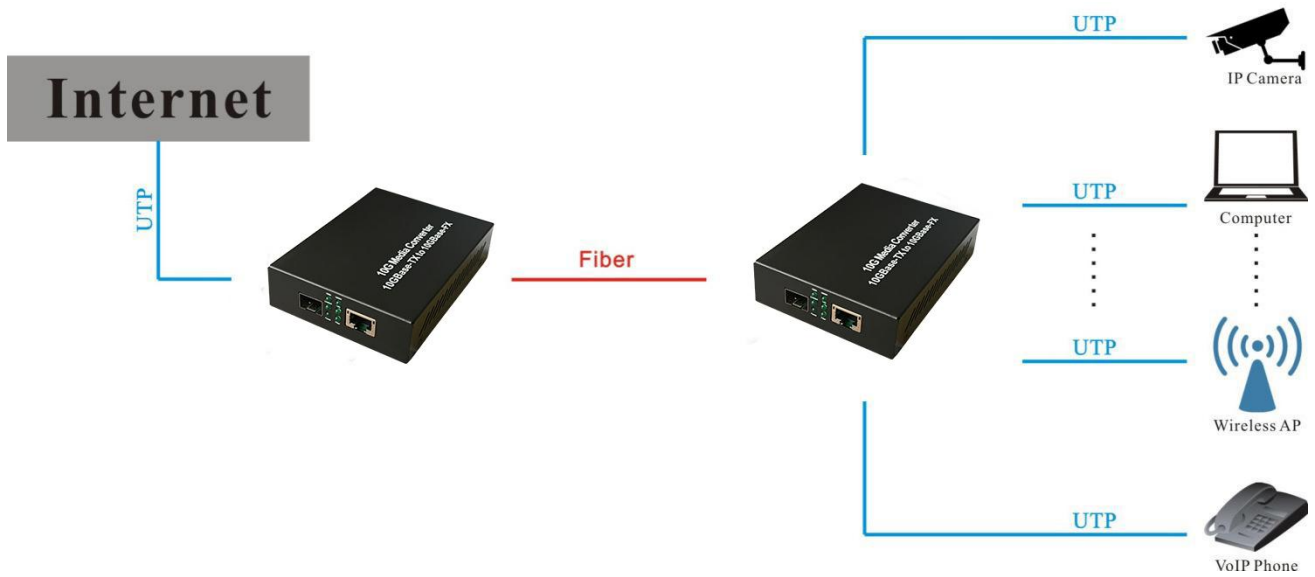
10G media converter is an Ethernet converter between Ethernet electrical signal and optical signal. It converts between short distance twisted pair signal of 10GBase-TX and 10GBase-FX optical signal. Customer can choose different SFP modules to achieve the smooth conversion and connection. It has 1 10G 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.

## Application



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

W10G-F 1×10GBase-TX to 1×10GBase-FX, SFP slot

**Note: Power supply default as 5V4A, 12V is also available.**