

10G Ethernet Media Converter

10G Ethernet media converter provides copper to fiber with 10GBase-T RJ-45port and one XFP or SFP+ pluggable transceiver port.

By adopting CWDM and DWDM technology, it convert 10GBASE-T interface to WDM wavelength to achieve long distance optical signal transmission and expand fiber capacity and bandwidth.

It supports high power XFP and wavelength tunable DWDM XFP transceivers and eliminates the requirement of external programming equipment when the wavelength of the tunable transceiver can be programmed and saved to save cost.

10G media converter is available in unmanaged standalone unit, or management chassis plug-in module.



Feature

- Support Jumbo Frame
- Transparent Transport and very low delay
- Support ITUT prescribed DWDM/CWDM wavelength
- Support DMI function for XFP/SFP+ fiber module
- Support Loopback test function
- Economic In-band Management function
- powerful Network Management function (Web, SNMP, Console)
- Support hot plugging
- Support 2U Rack (16 channel) and standalone use
- Full State Led display
- Easy installation
- UTP cable length detection (only RJ45 interface)

Model Information:

10G SFP MEDIA CONVERTER STANDALONE (module SFP+ is optional)

10G SFP MEDIA CONVERTER CARD(module SFP+ is optional)

10G XFP MEDIA CONVERTER STANDALONE (XFP module can be configured)

10G XFP MEDIA CONVERTER CARD (XFP module can be configured)

Technical Details

Transmission Speed	10G
Protocols	IEEE802.3an(10Gbased-T, IEEE802.3ae(10Gbase-SR/LR/ER/ZR)
Access Type	10G LAN
Interface Type	RJ45 To/From SFP+ RJ45 To/From XFP
Transmission Distance	SFP+ module: Up to 80KM XFP module: up to 80km 10Gbase-T: 100meters Cat .6a cable
Maximum Packet Forwarding Rate	14,880,950/S
Network management information	Card type information SFP+ fiber module detection SFP+ fiber module DMI function (Temperature, Voltage, Optical power) Link status detector Enable/Disabled Loopback test function UTP cable length detection (only RJ45 interface) Remote card's status monitor (only in pairs)
Power Requirement	Rack-mountable : AC 85 ~220V OR DC -48V Standalone: AC 220V OR DC -48V Power consumption: ≤9W
Operating Temp	0~ 50 °C
Storage Temp	-10~ 70 °C
Humidity	5%~90% (non-condensing)
Dimension	Card: 11.5mm(W) × 78mm(D) Standalone:156mm × 128mm × 32mm(W*D*H)