

Features

- Built-in IP-based Web Interface.
- Supporting remote and local management.
- Supporting IEEE802.3X Frame Flow Control for Full-Duplex mode.
- Store and Forward mechanism.
- Manual IP address setting/DHCP client for IP address assignment.
- SNMP v1/ v2c monitor/ private Enterprise MIB.
- Event trap and SNMP trap support.
- Speed duplex mode configuration/ Flow Control setting/ bandwidth Control on TP/ Fiber port.
- Supports Port Status/ Ethernet Statistics on both TP and Fiber interface.
- Supports Maximum frame size to 16K bytes.
- Loop detection/ Broadcast/ Multicast/ Unicast storm control.
- Management VLAN/ 16 IEEE 802.1Q VLAN groups/ Q-in-Q VLAN.
- 802.1p Tag Priority/ IP address priority/ IP DSCP option in.
- Quality of Service Mode and Strict Priority/ Weighted Round Robin (WRR) Qo5 policies.
- TS-1000 OAM/ IEEE 802.3ah OAM/ Loop Back Test.
- 16 TCP/ UDP Filter groups.
- Firmware upgrade via remote Web interface.
- LED indicators for easy network diagnosing.
- Rest Button at the front panel for the factory default reset.

Product Description

This is a one to one managed media converter that converts a 10/100/1000Base-TX(RJ-45) to 1000Base-LX(SC) via a 1310nm single-mode fiber (SMF) SC connector, which allows distance reach up to 20km. This provides a cost-effective conversion from 10/100/1000Base-TX(RJ-45) to 1000Base-LX fiber, while extending the network reach beyond the 100m reach limitation of copper. Our one to one type manageable media converters are independent standalone systems that do not require a centralized, or unified platform management system. One to One manageable media converters can supervise the real time situation of remote manageable fiber media converters, and allow end users to set the functions remotely. With this system, the response speed of the operator is quickened, the daily maintenance and network expenditure is reduced, and the service quality is enhanced. Our media converters are 100% compliant for all your networking needs.

Specifications

Parameter	
Ethernet Interface	
Standards	IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3ab, IEEE802.3x
Data Rate	10Mbps, 1000M half/ full duplex auto-sensing
Connector	RJ-45
UTP CAT5 or CAT5E	Connecting with RJ-45, transmission distance at 100m.
Fiber Port	
Connector	SC
Operating Wavelength	1310nm
Optical Fibers:	Single-mode: 8.3/125, 8.7/125, 9/125, 10/125um
Transmission Distance	20km
Basic Working Environment	
Operating Temperature	0~50°C
Storage Temperature	-10~70°C
Humidity	5%~90% (non-condensing)
Dimension (standalone)	156mm (W) 128mm (D) 32mm (H)
Power Supply	120V AC Power Cable
Power Consumption	≤5W