

C-MGMC-SFP

1000Mbps Media Converter

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) QoS policies.
- TS-1000 OAM/ IEEE 802.3ah OAM/ Loop Back Test.
- 16 TCP/ UDP Filter groups.
- Password setting, IP setting and devices description setting through Planet smart discovery utility.
- Firmware upgrade via remote Web interface.
- LED indicators for easy network diagnosing.
- Rest Button at the front panel for the factory default reset.
- Choice of fiber-connector from SC, LC, WDM, multi-mode/ single-mode fiber/ 1000Base-SX/ LX mini GBIC module.

Product Description

This is a one to one managed media converter that converts a 10/100/1000Base-TX(RJ-45) to 1000Base-X via an open SFP port. The open SFP port allows users to customize between the SX, LX, or BX connections. This media converter provides a cost-effective conversion from 10/100/1000Base-TX(RJ-45) to 1000Base-X, 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 and network interface cards are 100% compliant for all of our networking needs. Now you have a cost-effective solution to your network upgrade 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	ST, SC, FC, LC, Open SFP Port
Operating Wavelength	850nm, 1310nm at Multi-mode; 1310nm, 1550nm at single mode
Optical Fibers:	Multi-mode: 50/125, 62.5/125, 100/140um
	Single-mode: 8.3/125, 8.7/125, 9/125, 10/125um
Transmission Distance	Dual Fiber: up to 100km
	Single Fiber: up to 80km
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	85VAC~265VAC or -40VDC~ -57VDC
Power Consumption	≤5W