

MCM-G0101-SFP-G

Standalone Managed Media Converter 10/100/1000Base-TX to 100/1000Base-FX



Overview

The Web Smart Managed Media Converter is designed to make conversion between 10/100/1000Base-T and 100M/1000Base-X, IEEE802.3ah OAM compliant copper to fiber Gigabit Ethernet solution. Network administrator can monitor, configure and control the activity of each 802.3ah series card and remotely connected OAM compliant converter via SNMP and Web based management. Converter settings include band-width control, duplex, and speed configuration, VLAN tagging and limited Q-in-Q support. When used as stand-alone converter, it can be managed by a friendly Web Smart user interface via any web browser.

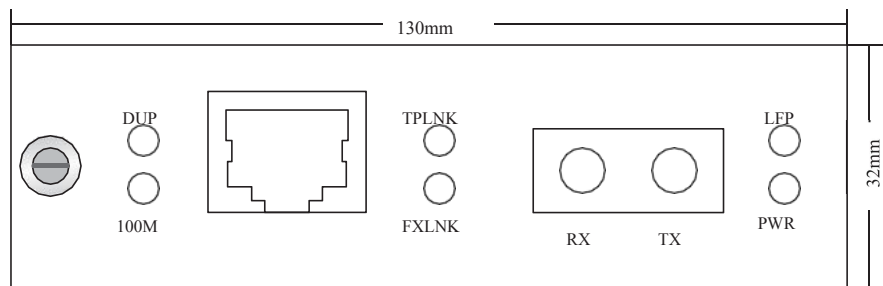
Features

- Support 10Base-T, 100Base-TX, 1000Base-TX
- Meet standards IEEE802.3z, IEEE802.3ah, IEEE802.3x
- Max.2k bytes packet at store-and-forward mode, Max. 9K bytes packet at cut-through mode
- AUTO-MDIX at electrical port, convenient for the user
- Low power consumption, low heat, standalone type with internal special communication power supply
- Single fiber, double fiber and SFP transceivers are optional.

Specifications

Model No.	MCM-G0101-SFP-G
Transmission Distance	Twisted-pa 100M standard CAT5/CAT5e cable) SFP, Distance depend on plug-in Fiber Transceiver Fiber: MM 500m/2km, SM 20/40/60/80/120km
Forwarding Mode	Store-and-forward or Pass-Through
Forwarding Frame Length	2046Bytes
LFP Mode	Support
DIP Switches	DIP-1: Copper forced mode/auto-negotiation mode DIP-2: Copper speed 100Mbps/1000Mbps DIP-3: Forwarding mode DIP-4: LFP mode
PoE Output	IEEE 802.3af Power over Ethernet standard IEEE 802.3at Power over Ethernet enhancements standard
Software Features	Built-in Web interface for remote management and setup SNMP v1 monitor/private Enterprise MIB Speed duplex mode configuration/Flow Control setting/bandwidth Control on TP/Fiber port Supports Port Status/Ethernet Statistics on both TP and Fiber interface Loop detection/Broadcast/Multicast/Unicast storm control Management VLAN/16 IEEE 802.1Q VLAN groups/Q-in-Q VLAN TS-1000 OAM/IEEE 802.3ah OAM/Loop Back Test Password setting, IP setting and devices description setting through Fiberroad Smart discovery utility Firmware upgrade via remote Web interface
Power Requirement	Operating Voltage AC 100~240V Rated Current: 0.2/0.1A Power Consumption: Full-load<15W
Environmental Requirement	Operating Temperature: 0°C~50°C Storage Temperature: -10°C~70°C Relative Humidity: 5%~95% (non-condensation) MTBF: 65,000 h Enclosure: Metal
Mechanical Structure	Dimensions: 160mm(D)×130mm(W)×32mm(H) Weight: 800g
Warranty	1 Year
Emissions	FCC Class A, CE Class A

Dimension



Ordering Information

P/N	Description
MCM-G0101-SFP-G	Managed Media Converter 10/100/1000Base-TX,100/1000Base-FX (SFP Module not included)



<https://www.lanaotek.com>



Specifications & design are subject to change without prior notice.

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