1000M SFP Managed Gigabit Ethernet Media Converter (Built in IP based web management)

Lightem LXM-MC , 10/100M,10/100/1000M IEEE802.3ah OAM manageable ethernet fiber media converter can supervise the real time situation of remote manageable fiber media converter and set the functions. With this system, the response speed of the operator is quickened, the daily maintenance and network expenditure of the operators are reduced, and the serving quality of them is enhanced.
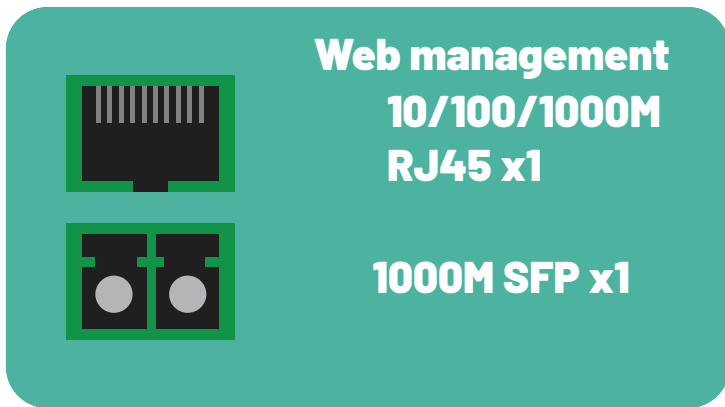
FEATURES

- Built-in IP-based Web Interface
- Supporting remote and local management
- Supporling IEEE 802.3X 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 intertace
- 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
- External DC 5V 2A power supply
- LED indicators for easy network diagnosing
- Reset 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

SPECIFICATIONS

Parameter	
Ethernet Interface	
Standards	IEEE802.3,IEEE802.3u, IEEE802.3z, IEEE802.3ab, IEEE802.3x
Data rate	10Mbps, 100Mbps, 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
Operating wavelength	850nm, 1310nm at Multi-mode; 1310nm,1550nm at single mode
Optical fibers	Multi-mode: 50/125，62.5/125 ; Single-mode: 9/125
Transmission distance	Dual fiber: up to 100km ; Single fiber: up to 80km
Basic working environment	
Operating Temperature	0~65°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

TELECOM / DATACOM SYSTEM

FUNCTIONAL DIAGRAM

**Web management
10/100/1000M
RJ45 x1**

1000M SFP x1

ORDERING INFORMATION

PN	Description
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