

## 1\*1G Fiber Port + 1\*10/100/1000Base-T Managed Media Converter

### LT-MC82G/LT-MC82GP series

#### Overview

SmartByte LT-MC82G/LT-MC82GP series are managed media converter which features One-port 10/100/1000Base-T RJ45 and 1\*1G SFP ports or SC/ST fiber ports. It supports web management with a high-performance switching architecture and offers wire-speed transportation capability for delivering a cost effective Gigabit Ethernet solution to meet the converged applications for enterprise customer's networks. LT-MC82GP supports PoE function, which complies with IEEE802.3af and IEEE802.3at standard. It can provide the stable power supply for IP camera, PTZ camera, AP and PoE lighting equipments, etc through network cable.

#### Picture

Front



Back



SFP slot

Front

Back

## SC transceiver (ST/FC optional)

### Features:

- 1\*1G SFP slots or SC/ST fiber port uplink, 1\*10/100/1000BASE-T ports downlink, 1\*RJ45 console interface for basic management and setup
- PoE is optional, which complies with IEEE802.3af/at standard
- Port aggregation: Supports GE ports, 2.5GE port aggregation, static and dynamic aggregation
- VLAN : Supports access, trunk , hybrid mode
- Port Mirroring: Many to one port mirroring
- Support IEEE802.3x flow control, port traffic statistic, port isolation and network storm suppression based on port bandwidth percentage.
- Multicast: Supports IGMP V1, V2,V3 and IGMP snooping
- QoS: Support Ingress/Egress port-based rate-limit
- Management : Supports user management and login authentication; SNMPV2C/V3; web management , HTTP1.1, HTTPS; Syslog and alarm grading; RMON (Remote Monitoring) alarm, event and history record; NTP; Supports TFTP Client, Telnet Server, SSH Server
- Firmware update, configure backup/restore through Web GUI, FTP and TFTP

### Technical specification

Models	LT-MC82G	LT-MC82GP
Fixed port	1*1000Base-X fiber port , 1*10/100/1000M adaptive RJ45 port, external power supply	1*1000Base-X fiber port , 1*10/100/1000M adaptive RJ45 PoE port, external power supply
Switching capacity	14Gbps	
Packet forwarding rate	10.416Mpps	
Management	1*RJ45 Console port	

<b>port</b>	
<b>MAC address table</b>	8K
<b>Buffer</b>	1M bit
<b>Port aggregation</b>	Support GE port aggregation Support static aggregation Support dynamic aggregation
<b>Port features</b>	Support IEEE802.3x flow control Port traffic statistics port isolation Support network storm suppression based on port bandwidth percentage
<b>PoE</b>	/ Support IEEE802.3af ( 15.4W ) , IEEE802.3at (30W) 1/2+, 3/6- Support PoE management
<b>VLAN</b>	Support access mode Support trunk mode Support hybrid mode
<b>Port mirroring</b>	Port Mirroring(many to one)
<b>Multicast</b>	IGMP V1,V2,V3 IGMP snooping
<b>QoS</b>	Ingress Port-based Rate-limit Egress Port-based Rate-limit
<b>Management and maintenance</b>	Support user management and login authentication Support SNMPV2C/V3  Support web management, HTTP1.1, HTTPS  Support Syslog and alarm grading  Support RMON (Remote Monitoring) alarm, event and history record  Support NTP Support TFTP Client Support Telnet Server Support SSH Server  Support FTP, TFTP, WEB upgrading

<b>Dimension(mm)</b>	140*88*28mm (L x W x H)	
<b>Fan</b>	Fan-less design, natural cooling	
<b>Power supply</b>	DC input: 5-57V	DC input: 48-57V
<b>Power consumption</b>	Total power consumption ≤5W	Total power consumption (PoE full load ) ≤65W
<b>Temperature</b>	Operation temperature: 0°C-50°C Storage temperature: -40°C-80°C	Operation temperature: 0°C-50°C Storage temperature: -40°C-80°C
<b>Humidity</b>	Operation humidity: 10%-90%RH Storage humidity: 5%-95%RH	

## Order information

<b>Model</b>	<b>Description</b>
LT-MC82G	1*1G SFP slot, 1*10/100/1000M adaptive RJ45 port, DC 5-57V input
LT-MC82GP	1*1G SFP slot, 1*10/100/1000M adaptive RJ45 PoE port, DC 48-57V input
LT-MC82G-SC	1*1G SC fiber port(ST optional), 1*10/100/1000M adaptive RJ45 port, DC 5-57V input
LT-MC82GP-SC	1*1G SC fiber port(ST optional), 1*10/100/1000M adaptive RJ45 PoE port, DC 48-57V input