

# LMP-1202G-SFP Series

**12-Port Industrial Gigabit PoE+ Managed Ethernet Switch, with 8\*10/100/1000Tx (30W/Port), 2\*10/100/1000Tx + 2\*100/1000 SFP Slots**



## Features

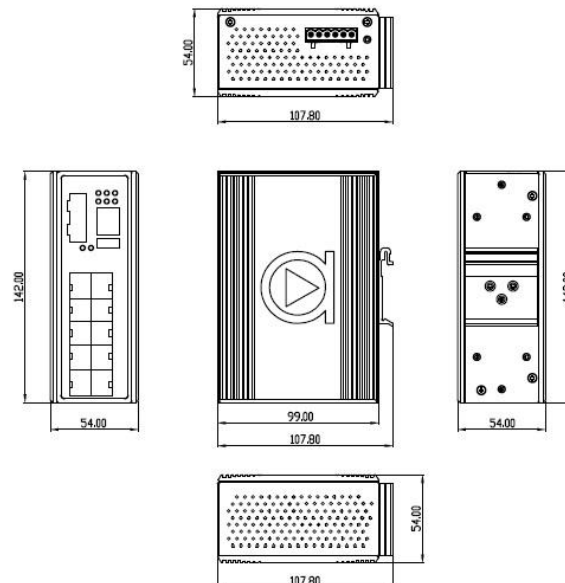
- ▶ Supports 8\*10/100/1000Tx IEEE 802.3at/af Compliant with 30W/Port, 2\*10/100/1000Tx & 2\*100/1000Fx SFP Fiber Slots
- ▶ Network Redundancy: STP/RSTP/MSTP, and G.8032 ERPS (Recovery Time <50ms)
- ▶ Supports IPv4/IPv6, and DHCP Option 66/67/82
- ▶ Supports Modbus/TCP Protocol for Device Management and Monitoring
- ▶ Configuration: Web Console, Telnet, CLI Command
- ▶ IGMP v1/v2 for Multicast Traffic Filtering
- ▶ QoS (IEEE802.1p/1Q), CoS/ToS to Increase Determinism
- ▶ IEEE802.1Q VLAN for Easy Network Planning
- ▶ Enhanced Network Security with IEEE802.1X, SNMP v1/v2c/v3, HTTPS, and SSH/SSL
- ▶ Auto Warning by Exception through E-mail, Relay Output
- ▶ Operating Temp.– STD: -10~70°C, EOT: -40~75°C
- ▶ 5-Year Warranty

## INTRODUCTION

**Antaira Technologies' LMP-1202G-SFP series** is a 12-port industrial PoE+ managed Ethernet switch is embedded with 8\*10/100/1000Tx Ethernet ports that support IEEE802.3at/af for a maximum of 30W/port, 2\*10/100/1000Tx and 2\*100/1000Fx SFP fiber ports that support either Single or Multi-Mode modules. The LMP-1202G-SFP series is a fully manageable Layer 2 Ethernet switch that is pre-loaded with a user-friendly web management console design. It supports the ring network redundancy function using the market's open standard ITU-T G.8032 ERPS (Ethernet Ring Protection Switch) protocol that has a <50ms network recovery time. The advanced network filtering and security functions, such as, IGMP, VLAN, QoS, SNMP, port lock, RMON, Modbus TCP, and 802.1X/ HTTPS/ SSH/ SSL increase determinism and improve network management for remote SCADA systems or control networks.

The LMP-1202G-SFP series is IP30 rated and DIN-rail mountable. There are also two wide operating temperature models for either a standard temperature range (STD: -10°C to 70°C) or an extended temperature range (EOT: -40°C to 75°C). It also provides high EFT and ESD protection for industrial networking applications, such as, power/utility, water wastewater, oil/gas/mining, factory automation, security surveillance within transportation, ITS and any other outdoor or harsh environment.

## DIMENSIONS



## SPECIFICATIONS

Technology	
Standards	IEEE 802.3 10Tx Ethernet
	IEEE 802.3u 100Tx Fast Ethernet
	IEEE 802.3ab 1000Tx Gigabit Ethernet
	IEEE 802.3z Gigabit Fiber
	IEEE 802.3x Flow Control for Full Duplex
	IEEE 802.3ad for Port Trunk with LACP
	IEEE 802.3at/af PoE (Power-over-Ethernet)
	IEEE 802.1d STP (Spanning Tree Protocol)
	IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)
	IEEE 802.1s MSTP (Multiple Spanning Tree Protocol)
Switch Properties	ITU-T G.8032/Y.1344 ERPS (Ethernet Ring Protection Switch) Protocol
	IEEE 802.1Q for VLAN Tagging
	IEEE 802.1x for Network Authentication
	IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization
	Back-Plane (Switching Fabric): 24.0Gbps
	IGMPv1/v2, SNMPv1/v2c/v3, TFTP, SNMP, SMTP, RMON, HTTP, HTTPS, Telnet, Syslog, DHCP Option 66/67/82, SSH/SSL, Modbus/TCP, LLDP, IPv4/IPv6
	Store-and-Forward
	14,880pps for 10Base-T Ethernet
	148,800pps for 100Base-T Fast Ethernet
	1,488,000pps for Gigabit Ethernet
Switch Architecture	
Protocol	
Data Process	
Transfer Rate	
Packet Buffer	
MAC Table	
Jumbo Frame	
Flow Control	
VLAN Group	
IGMP Group	
Port Interface	
Ethernet Port	
Fiber Port	
Wavelength	
RS232 Serial Console	
Configuration Backup	
Protection	
Overload Current	
Power Reverse Polarity	
Network Cable	
Mechanical Characteristics	
LED Indicator	
Housing	
Dimensions	
Weight	
Mounting	
Power Requirement	
Input Voltage	
Power Connection	
PoE Power Output	
Power Consumption	
Environmental Limits	
Operating Temperature	
Storage Temperature	
Ambient Relative Humidity	
Regulatory Approvals	
EMI	
EMS	
Free Fall	
Shock	
Vibration	
Green	
Certifications	
Warranty	

## ORDERING INFO

LMP-1202G-SFP	12-Port Industrial Gigabit PoE+ Managed Ethernet Switch, with 8*10/100/1000Tx (30W/Port), 2*10/100/1000Tx and 2*100/1000 SFP Slots
LMP-1202G-SFP-T	12-Port Industrial Gigabit PoE+ Managed Ethernet Switch, with 8*10/100/1000Tx (30W/Port), 2*10/100/1000Tx and 2*100/1000 SFP Slots; EOT: -40°~75°C
Optional Accessories	
DR-120-48	120W Industrial Single Output DIN-Rail Power Supply – 48VDC / 2.5 Amps
SDR-240-48	240W Industrial Slim High-Efficiency Single Output DIN-Rail Power Supply – 48VDC / 5.0 Amps
SFP-M-T	1 Gigabit Fiber SFP Transceiver, Multi-Mode 550M / LC / 850nm, -40°~85°C
SFP-S10-T	1 Gigabit Fiber SFP Transceiver, Single Mode 10KM / LC / 1310nm, -40°~85°C
DIN-RACK-2U	DIN-Rail to 19" Rack Mount Adapter for all DIN-Rail Mountable Products, 2U Height