

LMP-0601G-SFP Series

6-Port Industrial PoE+ Gigabit Managed Ethernet Switch, with 4*10/100/1000Tx (30W/Port), 1*10/100/1000Tx Fast Ethernet, and 1*100/1000 SFP Slot; 48~55VDC



Features

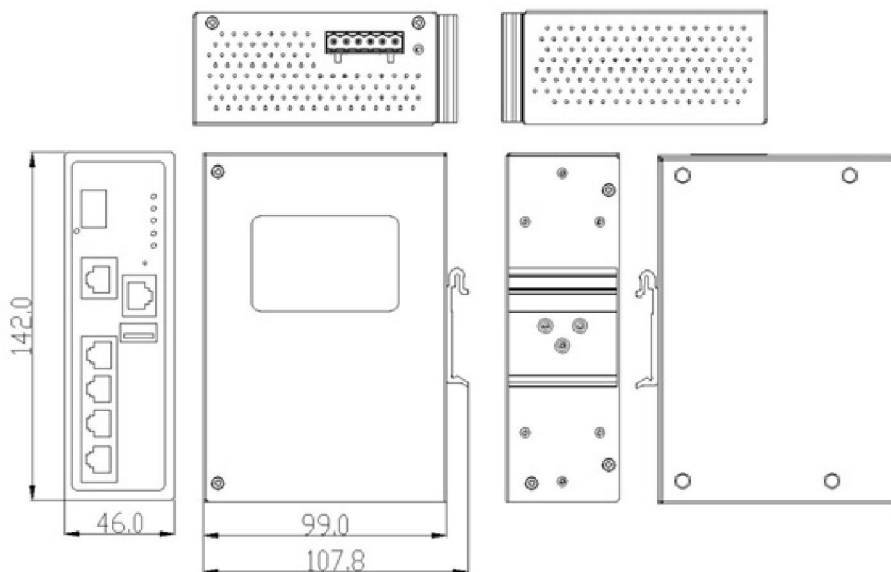
- ▶ Supports 4*10/100/1000Tx IEEE 802.3at/af Compliant with 30W/Port, + 1*10/100/1000Tx, and 1*100/1000 SFP Slot
- ▶ Network Redundancy Support: RSTP/MSTP, and TG.8032 ERPS (Recovery Time <50ms)
- ▶ Configuration: Web Console, Telnet, CLI Command
- ▶ Supports IGMP v1/v2, up to 256 Groups
- ▶ Supports QoS (IEEE802.1p) and CoS/ToS
- ▶ Supports IEEE802.1Q VLAN, SNMP v1/v2c
- ▶ System Warning Setting for Automatic Warning through E-Mail
- ▶ Redundant Power Input Design: 48~55VDC
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range: STD: -10° to 70°C, EOT: -40° to 75°C
- ▶ 5-Year Warranty

INTRODUCTION

Antaira's LMP-0601G-SFP series is a 6-port industrial PoE+ gigabit managed Ethernet switch that is embedded with 4*10/100/1000Tx Ethernet ports that support IEEE802.3at/af for a maximum of 30 watts per port, 1*10/100/1000Tx Fast Ethernet port, and 1*100/1000 dual rate SFP slot for fiber connection.

LMP-0601G-SFP series is a fully manageable industrial Ethernet switch pre-loaded with standard Layer 2 network management software and supports a user-friendly web console interface for easy configuration. This product series is IP30 rated, DIN-rail mountable, and has 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 any industrial networking application within factory automation, ITS, power/utility, water wastewater, and any other outdoor or harsh environment.

DIMENSIONS



SPECIFICATIONS

Technology		IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet IEEE 802.3ab 1000BaseT IEEE 802.3z 1000Base-X IEEE 802.3x Flow Control for Full Duplex IEEE 802.3at/af PoE (Power-over-Ethernet) IEEE 802.1d STP (Spanning Tree Protocol) IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)
Standards		IEEE 802.1s MSTP (Multiple Spanning Tree Protocol) ITU-TG.8032 / Y.1344 ERPS (Ethernet Ring Protection Switch) IEEE 802.1q Virtual LANs (VLAN) IEEE 802.1x Network Authentication IEEE 802.1ad Stacked VLAN, Q-in-Q IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization
Switch Properties		
Protocol	CSMA/CD, IGMPv1/v2, SNMPv1/v2, TFTP, SNMP, SMTP, RARP, Syslog	
Configuration	Web Console, Telnet, CLI	
Transfer Rate	14,880pps for 10Base-T Ethernet port 148,880pps for 100Base-T Fast Ethernet port 1,488,000pps for Gigabit Ethernet Port	
Packet Buffer	1 Mbits	
MAC Table	8K	
Jumbo Frame	9.6K	
Flow Control	IEEE 802.3x for full duplex mode, back pressure for half duplex mode	
VLAN Group	0 ~ 4094	
IGMP Group	Up to 256 Group	
Port Interface		
Ethernet Port	5*10/100/1000BaseTx (30W/Port for Port 1~4 only), auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	
Fiber Port	1*100/1000 SFP Slot	
Fiber Wavelength	Refer to SFP Modules	
PoE Port Pin Assignment	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI Alternative A)	
RS232 Serial Console	1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1	
Configuration Backup	1*USB 2.0	
Protection		
Overload Current Protection	Present	
Power Reverse Polarity	Present	
CPU Watchdog	Present	
Network Cable		10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; 100Base-TX: 2-pair UTP/STP Cat. 5 cable. EIA/TIA-568 100-ohm (100m) 1000BaseTX: UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)
Mechanical Characteristics		
LED Indicators	Per Unit: Power 1 & 2 (Green), Fault (Red)	
Housing	Metal, IP30 rated	
Dimension	46 x 142 x 99 mm	
Weight	Unit: 1.5 lbs Shipping: 2.3 lbs	
Mounting	DIN-Rail; Wall-mount (optional)	
Power Requirement		
Input Voltage	48~55VDC Redundant Input	
Power Connection	1 removable 6-contact terminal block	
PoE Power Output	25W @ 48VDC (per PoE port); 30W @ 51~55VDC (per PoE port)	
Power Consumption	10 Watts (no PD included); 130 Watts (Fully loaded)	
Environmental Limits		
Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C	
Storage Temperature	-40°~85°C	
Ambient Relative Humidity	5 to 95%, (non-condensing)	
Regulatory Approvals		
EMI	FCC Class A	
EMS	EN61000-4-2,3,4,5,6,8 EN61000-6-2,4	
Free Fall	IEC60068-2-32	
Shock	IEC60068-2-27	
Vibration	IEC60068-2-6	
Green	RoHS Compliant	
Certifications	FCC, CE, UL 61010-1, UL 61010-2-201	
Warranty	5 Years	

ORDERING INFO

LMP-0601G-SFP	6-Port Industrial PoE+ Gigabit Managed Ethernet Switch with 4*10/100/1000Tx (30W/Port), 1*10/100/1000Tx, and 1* 100/1000 SFP Slot
LMP-0601G-SFP-T	6-Port Industrial PoE+ Gigabit Managed Ethernet Switch with 4*10/100/1000Tx (30W/Port), 1*10/100/1000Tx, and 1* 100/1000 SFP Slot; EOT: -40° to 75°C

Optional Accessories

MDR-60-48	60W Industrial Din Rail Power Supply, 48VDC
DR-75-48	75W Industrial Din Rail Power Supply, 48VDC
DR-120-48	120W Industrial Din Rail Power Supply, 48VDC
MDR-240-48	240W Industrial Din Rail Power Supply, 48VDC