

LMP-0601G-SFP-V2 Series

6-Port Industrial Gigabit PoE+ Light Layer 3 Managed Ethernet Switch, w/4*10/100/1000Tx (30W/Port), 1*10/100/1000Tx, and 1*100/1000 SFP Slot; Version 2 Hardware



Features

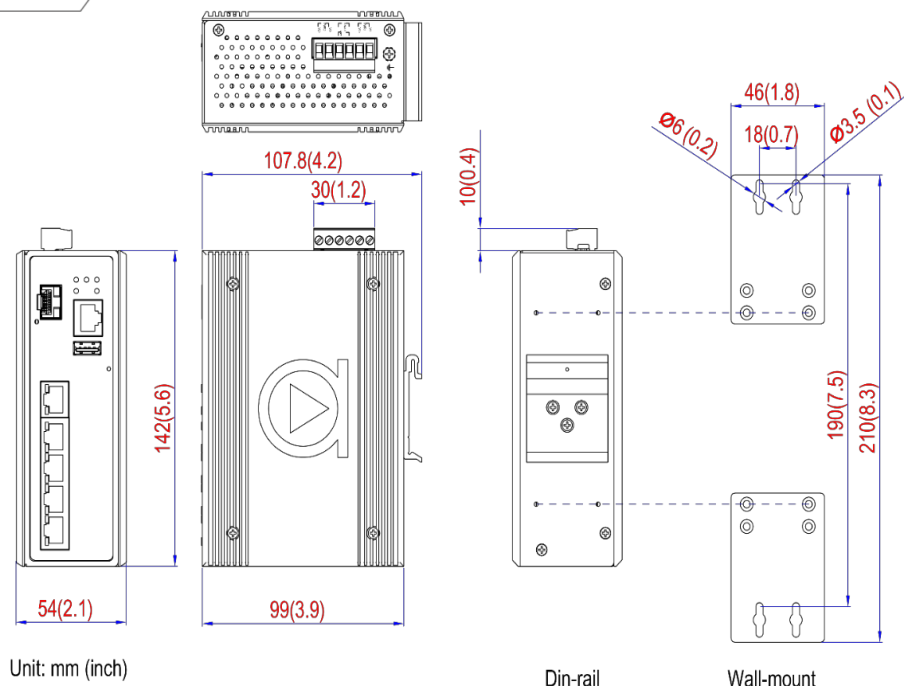
- ▶ Supports 4*10/100/1000Tx IEEE 802.3af/at Compliant with 30W/Port, 1*10/100/1000Tx, and 1*100/1000 SFP Slot
- ▶ Network Redundancy Support: RSTP/MSTP, and TG.8032 ERPS (Recovery Time <50ms)
- ▶ Configuration: Web Console, Telnet, CLI Command
- ▶ Supports IGMP v1/v2/v3, up to 1024 Groups
- ▶ Supports QoS (IEEE802.1p) and CoS/ToS
- ▶ Supports IEEE802.1Q VLAN, SNMP v1/v2c/v3
- ▶ Power Input: 48~55VDC in 6-Pin Terminal Block
- ▶ Reverse Polarity Protection
- ▶ IP30 Protection
- ▶ DIN-Rail or Wall Mountable
- ▶ Operating Temperature Range
 - STD: -10°C to 70°C, EOT: -40°C to 75°C
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' LMP-0601G-SFP-V2 Series is a 6-port industrial Gigabit PoE+ managed Ethernet switch embedded with 4*10/100/1000Tx Ethernet ports support IEEE802.3af/at for a maximum of 30W/port, 1*10/100/1000Tx and 1*100/1000Tx SFP port. The LMP-0601G-SFP-V2 is a fully manageable light layer 3 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 Ethernet Ring Protection Switch (ERPS) protocol that has a <50ms network recovery time. The advanced network filtering and security functions, such as IGMP, VLAN, QoS, SNMP, RMON, Modbus TCP, and 802.1X/HTTPS/SSH/SSL increase determinism and improve network management for remote SCADA systems or control networks.

The LMP-0601G-SFP-V2 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, ITS and any other outdoor or harsh environment.

DIMENSIONS



SPECIFICATIONS

Technology		Protection	
L2 Switching	Port/MAC/Protocol/IP Subnet-based VLAN, VLAN trunking, GARP/GVRP, Loop Guard, Link Aggregation static/LACP, BPDU guard, Error disable recovery, IGMPv2/v3 snooping, MLD snooping, IGMP filtering, IPMC throttling / filtering leave proxy, DHCP snooping, ARP, MEP, G.8032 v1/v2, NAT, DHCP per port, SMTP, Quick ERPS, TLS	Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000Base-TX: 4-pair UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)
	L3 Switching		
QoS	DHCP option82, static routes 802.1p Queueing, Input priority mapping, Storm control for Unicast/Multicast/Broadcast, Port/Queue/ACL policer, Port egress shaper, Queue egress shaper, DiffServ (DSCP), Tag remarking, Scheduler mode	Mechanical Characteristics	
	Power Saving	Housing	
Network Redundancy	STP/RSTP/MSTP, port trunk with LACP, ERPS v1/v2 (<50ms)	Dimensions	
	Configuration	Weight	
System / Diagnostics	Http, Https, Telnet, SSH, CLI, TFTP, SNMP v3	Mounting	
	Dual Image Protection, PING, PING6	Power Requirement	
Switch Properties		Input Voltage	
Switch Architecture	Back-Plane (Switching Fabric): 12Gbps IPv4/IPv6, SNMP v1/v2c/v3, LLDP, LLDP-MED, HTTP, HTTPS, SSHv2 telnet, DHCP client, DHCPv6 client, DHCP server, Port Mirror, DNS client/proxy, IP based Access Filter, ICMPv6, syslog, Time Zone / Daylight Saving, NTP client, RMON, sFlow, Loop detection, Console Port, Power Lost Warning, Relay Trigger	Power Connection	
	Protocols	Relay Contact	
Priority Queues	8	Overload Current Protection	
Processing Type	Store and Forward	Reverse Polarity Protection	
Flow Control	IEEE 802.3x flow control, back pressure flow control	PoE Pin Assignment	
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	PoE Power Budget	
	Memory Buffer	System Power Consumption	
Jumbo Frame	9.6Kbytes	Environmental Limits	
MAC Table Size	8K	Operating Temperature	
VLAN Group	4095	Storage Temperature	
IGMP Group	1024	Ambient Relative Humidity	
Port Interface		Regulatory Approvals	
Ethernet Port	5*10/100/1000Base-TX w/4*PoE+ (30W/Port), auto negotiation speed, Full/Half duplex mode, and auto MDI/MDIX connection	EMI	
	SFP Port	EMS	
RS232 Serial Console	1*RS232 in RJ45	Free Fall	
LED Indicators	System: Power 1, Power 2, Master, Ring, Fault	Shock	
	Ethernet Ports: Speed/Link/Active	Vibration	
		Green	
		Certifications	
		Warranty	

ORDERING INFO

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LMP-0601G-SFP-T-V2	6-Port Industrial Gigabit PoE+ Light Layer 3 Managed Ethernet Switch, w/4*10/100/1000Tx (30W/Port), 1*10/100/1000Tx, and 1*100/1000 SFP Slot; Version 2 Hardware; EOT: -40°C to 75°C

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