

LMP-0602-XX-V2 Series

6-Port Industrial PoE+ Light Layer 3 Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Multi-Mode/Single Mode; Version 2 Hardware



Features

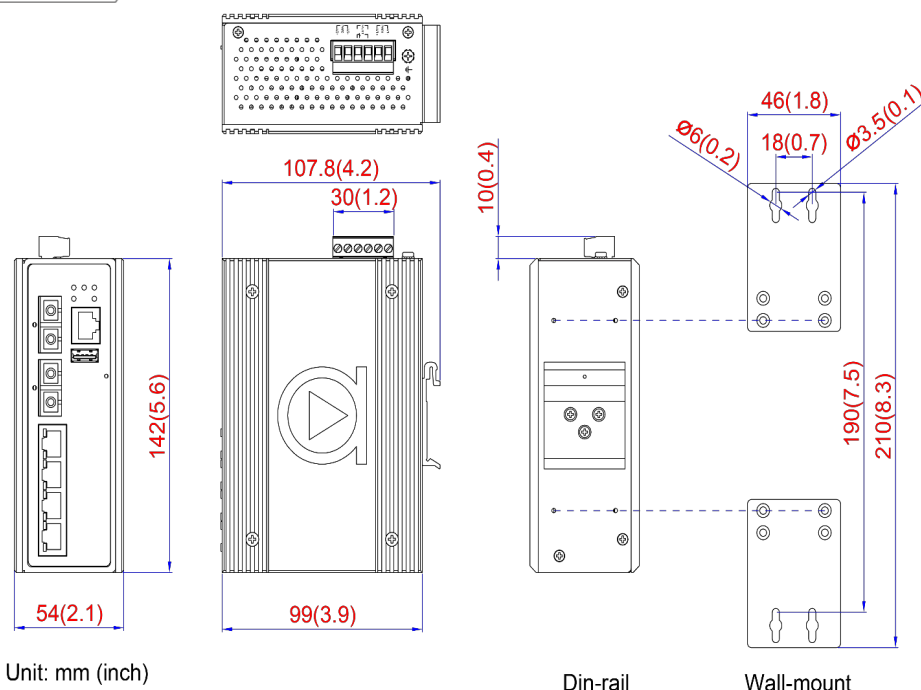
- ▶ Supports 4*10/100Tx IEEE 802.3af/at Compliant with 30W/Port and 2*100Fx Fiber Ports
- ▶ Fiber Supports: Multi-Mode or Single-Mode
- ▶ Network Redundancy Support: RSTP/MSTP, and G.8032 ERPS (Recovery Time <50ms)
- ▶ Configuration: Web Console, Serial, CLI Command
- ▶ Supports IGMP v1/v2/v3, up to 1024 Groups
- ▶ Supports QoS (IEEE802.1p) and CoS/ToS
- ▶ Supports IEEE802.1Q VLAN, SNMP v1/v2c/v3
- ▶ Redundant Power Input Design: 48~55VDC
- ▶ 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-0602-XX-V2 series is a 6-port industrial PoE+ managed Ethernet switch embedded with 4*10/100Tx Ethernet ports that support IEEE802.3af/at for a maximum of 30W/port and 2*100Fx fiber connections. The LMP-0602-XX-V2 series 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-0602-XX-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		Port Interface	
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	Ethernet Port	4*10/100Base-TX with PoE+ (30W/Port), auto negotiation speed, Full/Half duplex mode, and auto MDI/MDIX connection
		Fiber Port	2*100Base-FX SC/ST type connector
L3 Switching	DHCP option82, static routes	RS232 Serial Console	1*RS232 in RJ45
QoS	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	LED Indicators	System: Power 1, Power 2, Master, Ring, Fault Ethernet Ports: Speed/Link/Active Fixed Fiber: Link/Active
Power Saving	ActiPHY, PerfectReach, IEEE 802.3az EEE power management	Mechanical Characteristics	
Network Redundancy	STP/RSTP/MSTP, port trunk with LACP, ERPS v1/v2 (<50ms)	Housing	Metal, IP30 protection
Configuration	Http, Https, Telnet, SSH, CLI, TFTP, SNMP v3	Dimensions	54 x 142 x 99 mm (W x H x D)
System / Diagnostics	Dual Image Protection, PING, PING6	Weight	Unit: 1.9 lbs Shipping: 2.7 lbs
Switch Properties		Mounting	DIN-Rail mounting, Wall mounting
Switch Architecture	Back-Plane (Switching Fabric): 1.2Gbps 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 Requirement	
Protocols		Input Voltage	48~55VDC Redundant Input
Priority Queues	8	Power Connection	1 removable 6-contact terminal block
Processing Type	Store and Forward	Relay Contact	24VDC, 1A resistive
Flow Control	IEEE 802.3x flow control, back pressure flow control	Overload Current Protection	Present
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port	Reverse Polarity Protection	Present
Memory Buffer	4Mbits	PoE Pin Assignment	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, Mode A)
Jumbo Frame	9.6Kbytes	PoE Power Budget	120W
MAC Table Size	8K	System Power Consumption	7.5W
VLAN Group	4095	Environmental Limits	
IGMP Group	1024	Operating Temperature	STD: -10°C to 70°C EOT: -40°C to 75°C
Protection		Storage Temperature	-40°C to 85°C
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)	Ambient Relative Humidity	5% to 95%, (non-condensing)
		Regulatory Approvals	
		EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
		EMS	CE EN55035/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
		Free Fall	IEC60068-2-32
		Shock	IEC60068-2-27
		Vibration	IEC60068-2-6
		Green	RoHS Compliant
		Certifications	FCC, CE, UL 61010-1, 61010-2-201
		Warranty	5 Years

ORDERING INFO

LMP-0602-M-V2	6-Port Industrial PoE+ Light Layer 3 Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Multi-Mode 2Km; Version 2 Hardware
LMP-0602-M-T-V2	6-Port Industrial PoE+ Light Layer 3 Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Multi-Mode 2Km; Version 2 Hardware; EOT: -40°C to 75°C
LMP-0602-S3-V2	6-Port Industrial PoE+ Light Layer 3 Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Single-Mode 30Km; Version 2 Hardware
LMP-0602-S3-T-V2	6-Port Industrial PoE+ Light Layer 3 Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Single-Mode 30Km; Version 2 Hardware; EOT: -40°C to 75°C
LMP-0602-ST-M-V2	6-Port Industrial PoE+ Light Layer 3 Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Multi-Mode 2Km; Version 2 Hardware
LMP-0602-ST-M-T-V2	6-Port Industrial PoE+ Light Layer 3 Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Multi-Mode 2Km; Version 2 Hardware; EOT: -40°C to 75°C
LMP-0602-ST-S3-V2	6-Port Industrial PoE+ Light Layer 3 Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Single-Mode 30Km; Version 2 Hardware
LMP-0602-ST-S3-T-V2	6-Port Industrial PoE+ Light Layer 3 Managed Ethernet Switches w/4*10/100Tx (30W/Port) and 2*100Fx Single-Mode 30Km; Version 2 Hardware; EOT: -40°C to 75°C

Assured Systems

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