

LMP-0702G-SFP-24-V2 Series

7-Port Industrial Gigabit PoE+ Light Layer 3 Managed Ethernet Switch, w/4*10/100/1000Tx (30W/Port), 1*10/100/1000Tx, and 2*100/1000 SFP Slots, 12~55VDC Power Input; Version 2 Hardware













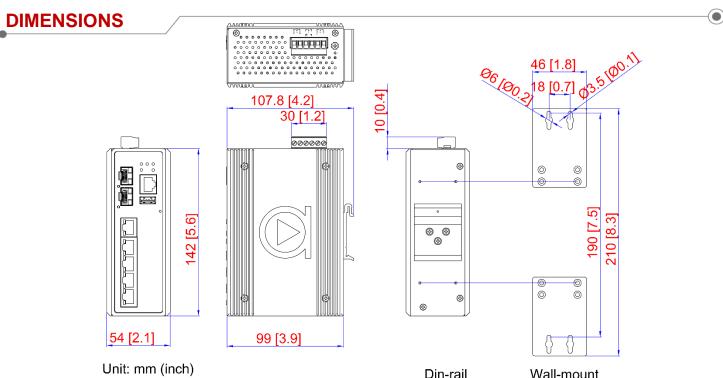
Features

- ➤ Supports 4*10/100/1000Tx IEEE 802.3at/af Compliant with 30W/Port, 1*10/100/1000Tx RJ45 Port, and 2*100/1000 SFP Slots
- ► Network Redundancy Support: RSTP/MSTP, and G.8032 ERPS v1/v2 (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
- ► Power Input: 12~55VDC in 6-Pin Terminal Block
- ► Reverse Polarity Protection
- ► IP30 Protection
- ► DIN-Rail or Wall Mountable
- Operating Temperature Range
 STD: -10° to 65°C, EOT: -40° to 75°C
- ► 5-Year Warranty

INTRODUCTION

Antaira Technologies' LMP-0702G-SFP-24-V2 series is a 7-port industrial Gigabit PoE+ managed Ethernet switch embedded with 4*10/100Tx Ethernet ports that support IEEE802.3at/af for a maximum of 30W/port, 1*10/100/1000Tx Gigabit Ethernet port, and 2*100/1000 dual rate SFP slots for fiber connection. The LMP-0702G-SFP-24-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-0702G-SFP-24-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 65°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.





SPECIFICATIONS

Technology	
L2 Switching	Port/MAC/Protocol/IP Subnet-based VLAN, VLAN trunking, GARP/GVRP, Loop Guard, Link Aggregation static/LACP, BPDU guard, Error disable recovery, IGMP v1/v2/v3 snooping, MLD snooping, IGMP filtering, IPMC throttling / filtering leave proxy, DHCP snooping, ARP, MEP, G.8032 v1/v2
L3 Switching	DHCP option82, static routes
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
Power Saving	ActiPHY, PerfectReach, IEEE 802.3az EEE power management
Network	STP/RSTP/MSTP, port trunk with LACP, ERPS
Redundancy	v1/v2 (<50ms)
Configuration	Http, Https, Telnet, SSH, CLI, TFTP, SNMP v3
System / Diagnostics	Dual Image Protection, PING, PING6
Switch Properties	
Back-Plane (Switching Fabric)	14Gbps
(Ottiling I abile)	
Priority Queues	8
	Store and Forward
Priority Queues	
Priority Queues Processing Type	Store and Forward IEEE 802.3x flow control, back pressure flow
Priority Queues Processing Type Flow Control Transfer Rate Memory Buffer	Store and Forward IEEE 802.3x flow control, back pressure flow control 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port 4Mbits
Priority Queues Processing Type Flow Control Transfer Rate Memory Buffer Jumbo Frame	Store and Forward IEEE 802.3x flow control, back pressure flow control 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port 4Mbits 9.6Kbytes
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SFP: Link/Active

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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-T: 4-pair UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)
Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions	54 x 142 x 99 mm (W x H x D)
Weight	Unit: 1.9 lbs Shipping: 2.7 lbs
Mounting	DIN-Rail, Wall Mounting
Power Requirement	
Input Voltage	12~55VDC Redundant Input
Power Connection	1 removable 6-contact terminal block
Relay Contact	24VDC, 1A resistive
Overload Current Protection	Present
Reverse Polarity Protection	Present
PoE Pin	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan,
Assignment	Mode A)
PoE Power Budget	90W@12VDC 120W@24-55VDC
System Power Consumption	7.5W
Environmental Limits	
Operating	STD: -10°C to 65°C
Temperature	EOT: -40°C to 75°C
Storage Temperature	-40°C to 85°C
Ambient Relative Humidity	5% to 95%, (non-condensing)
Regulatory Approvals	
ЕМІ	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
EMS	CE EN55035/EN61000-6-2 Class A, 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
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ORDERING INFO

Warranty

Protection



5 Years