

LMP-2602G-SFP Series

26-Port Industrial PoE+ Gigabit Managed Ethernet Switch, w/24*10/100/1000Tx RJ45 (30W/Port) and 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots)



Features

- ▶ 24-port 10/100/1000Tx Ethernet with IEEE 802.3at Compliant PoE+
- ▶ 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots)
- ▶ System Power Input: 48~55VDC
- ▶ Built-in Relay Output Warning for Power Failure
- ▶ IP40 Rugged Metal Case Design
- ▶ Rack Mounting
- ▶ Operating Temperature Range - STD: -10°C to 65°C, EOT: -40°C to 75°C
- ▶ 5-Year Warranty

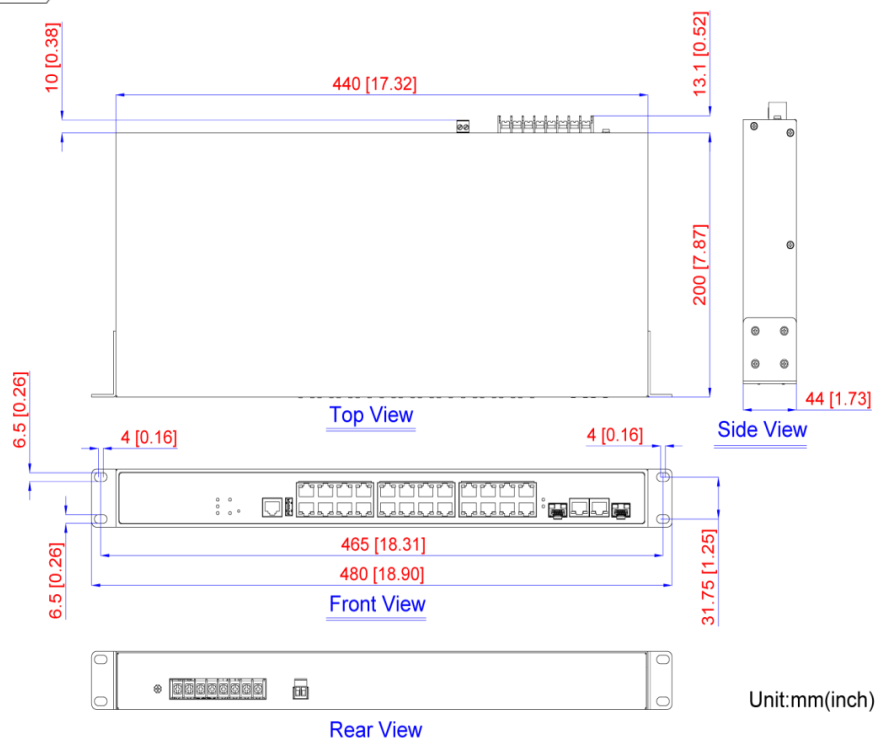
INTRODUCTION

Antaira Technologies' LMP-2602G-SFP series is a 26-port industrial gigabit PoE+ managed Ethernet switch featuring 24*10/100/1000Tx Ethernet ports with IEEE 802.3at high power PoE (30W/Port) and also provides 2*gigabit combo ports with 2*10/100/1000Tx RJ45 and 2*100/1000Fx SFP slots for fiber or twisted pair connections. This makes the product ideal for applications that demand high density of PoE+ port connectivity, wide bandwidth, and long-distance communication.

The LMP-2602G-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-2602G-SFP series is designed with IP40 rated 1U 19" rackmount and provides high EFT and ESD protection to prevent any unregulated voltage. Supporting the two wide operating temperature models with the standard version in -10° to 65°C or extended version in -40° to 75°C also makes it the best solution for any harsh and extreme ambient weather environment applications, such as, power/utility, transportation, water wastewater treatment plant, oil/gas, and security surveillance system industries.

DIMENSIONS



SPECIFICATIONS

Technology		Protection	
Standards	IEEE 802.3 10BaseT Ethernet	Overload Current Protection	Present (Slow-Blow Fuse)
	IEEE 802.3u 100Base-TX Fast Ethernet		
	IEEE 802.3ab 1000Base-T	Reverse Polarity Protection	Present
	IEEE 802.3z 1000Base-X Gigabit Fiber		
	IEEE 802.3af/at Power over Ethernet	Mechanical Characteristics	
	IEEE 802.1d STP (Spanning Tree Protocol)		
	IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)	Housing	Metal, IP40 Protection
	IEEE 802.1s MSTP (Multiple Spanning Tree Protocol)	Dimensions	440 x 200 x 44 mm
	ITU-T G.8032 / Y.1344 ERPS (Ethernet Ring Protection Switch)	Weight	Unit: 6.17lbs Shipping: 7.94lbs
	IEEE 802.1Q Virtual Local Area Network (VLAN)	Mounting	DIN-Rail, Wall-mount (Optional)
IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization	Power Requirement		
IEEE 802.1X Network Authentication	Input Voltage	48~55VDC (52~55VDC for IEEE802.3at PoE/PSE), Redundant Input	
IEEE 802.1AB Link Layer Discovery Protocol (LLDP)	Power Connection	8-Pin Terminal Block	
Switch Properties		Power Consumption	Max 24W full loading
Switch Architecture	Back-Plane (Switching Fabric): 52.0Gbps	Max PoE Power Budget	720 Watts
Protocols	CSMA/CD, IGMP v1/v2, SNMP v1/v2c/v3, TFTP, SNMP, RARP, RMON, Syslog, NAT, DHCP per port, SMTP, Quick ERPS, TLS	Relay Contact	24VDC, 1A resistive
Processing Type	Store and Forward	Environmental Limits	
Flow Control	IEEE 802.3x flow control, back pressure flow control	Operating Temperature	STD: -10°C to 65°C EOT: -40°C to 75°C
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Storage Temperature	-40°C to 85°C
Packet Buffer	4Mbits	Ambient Relative Humidity	5% to 95%, (non-condensing)
Jumbo Frame	9.6Kbytes	Regulatory Approvals	
MAC Table Size	8K	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A EN55024/EN61000-6-2 Class A IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge) IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)
Port Interface	26*10/100/1000BaseT(X) with 24*PoE-PSE (30W/Port) Auto-Negotiation, Full/Half Duplex, Auto-MDI/MDI-X	EMS	
Ethernet Port		Free Fall	IEC60068-2-32
PoE Pin Out	V+, V+, V-, V- for pins 1,2,3,6 Endspan, MDI/MDIX Alternative A	Shock	IEC60068-2-27
Gigabit Combo Port (Copper/SFP)	2*RJ45 Ports w/10/100/1000Tx Ethernet and 2*100/1000 SFP Slot	Vibration	IEC60068-2-6
Wavelength	Depends on SFP modules	Green	RoHS Compliant
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m)	Certifications	FCC, CE, UL 61010-1, 2-201
	100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)	Warranty	5 Years
	1000Base-TX: 4-pair UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)		

ORDERING INFO

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LMP-2602G-SFP-T	26-Port Industrial PoE+ Gigabit Managed Ethernet Switch, w/24*10/100/1000Tx RJ45 (30W/Port) and 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots); EOT: -40°C to 75°C

Assured Systems

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