

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

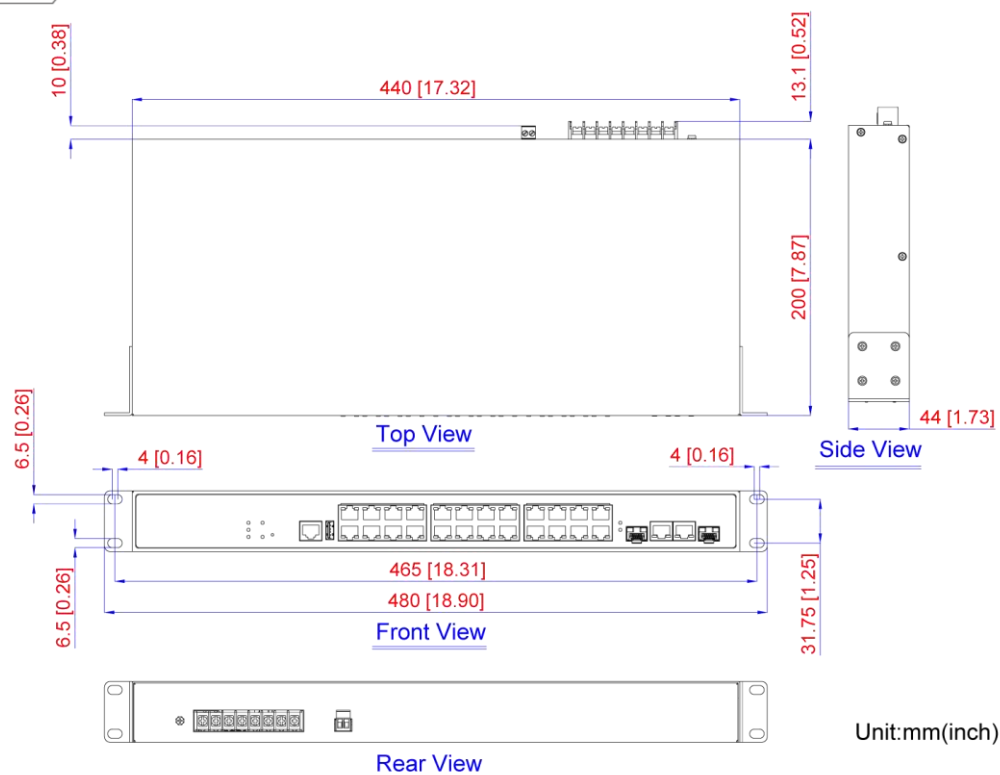
INTRODUCTION

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

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