

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

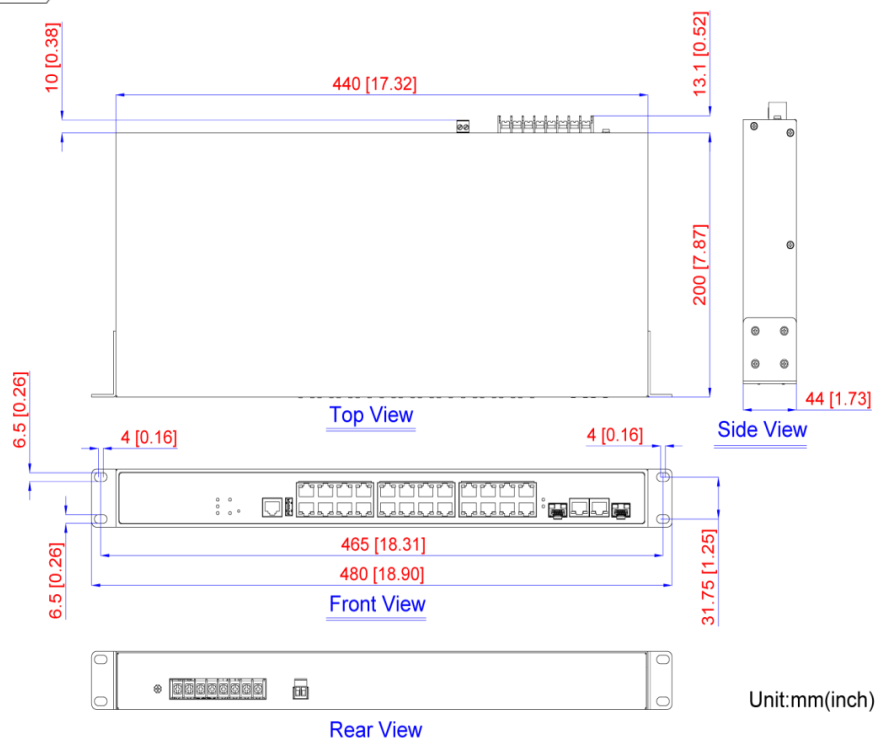
INTRODUCTION

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

ORDERING INFO

LMP-2602G-SFP	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)
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

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660