

LMX-2602G-SFP Series

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



Features

- ▶ 24-port 10/100/1000Tx Ethernet
- ▶ 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots)
- ▶ Configuration: http, https, CLI Command, Telnet, SNMP, SSH
- ▶ Network redundancy support: G.8032 ERPS v2/STP/RSTP/MSTP
- ▶ System Power Input: 90~264VAC
- ▶ Built-in Relay Output Warning for Power Failure
- ▶ IP40 Rugged Metal Case Design
- ▶ 19" Rack-Mounting Installation Design
- ▶ Operating Temperature Range - STD: -10°C to 65°C, EOT: -40°C to 75°C
- ▶ 5-Year Warranty

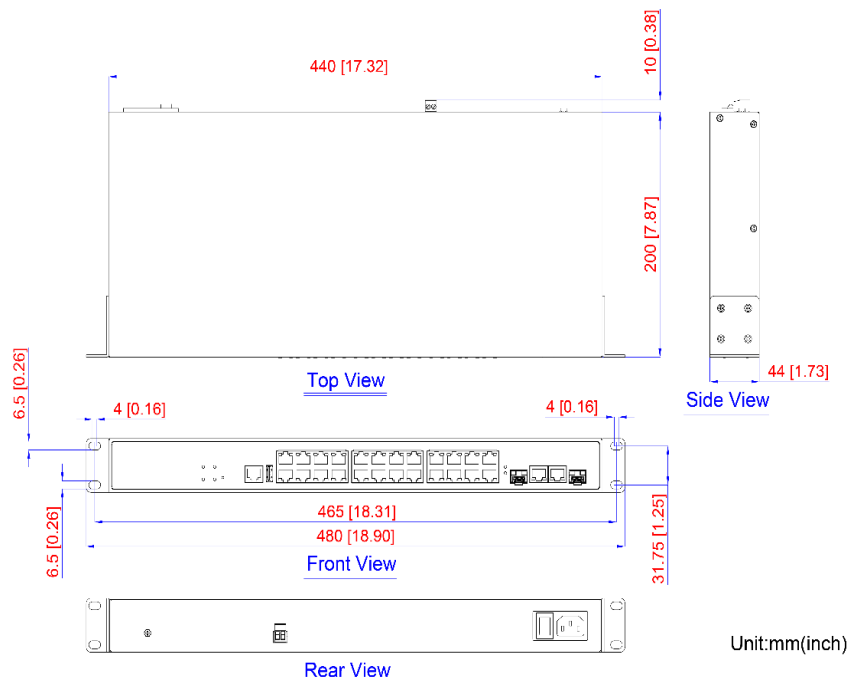
INTRODUCTION

Antaira Technologies' **LMX-2602G-SFP series** is a 26-port industrial gigabit managed Ethernet switch featuring 24*10/100/1000Tx Ethernet ports 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 product is ideal for applications that demand high density of port connectivity, wide bandwidth and long-distance communication.

The LMX-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 LMX-2602G-SFP series is designed with IP40 rated 1U 19" rackmount. 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 802.3u 100Base-TX Fast Ethernet	Overload Current Protection	Present (Slow-Blow Fuse)
	IEEE 802.3ab 1000Base-T Gigabit Ethernet	Reverse Polarity Protection	Present
	IEEE 802.3z 1000Base-X Gigabit Fiber	Mechanical Characteristics	
	IEEE 802.3x Flow Control	Housing	Metal, IP40 Protection
	IEEE 802.1d STP (Spanning Tree Protocol)	Dimensions	440 x 200 x 44 mm
	IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)	Weight	Unit: 6.17lbs Shipping: 7.94lbs
	IEEE 802.1s MSTP (Multiple Spanning Tree Protocol)	Mounting	DIN-Rail, Wall-mount (Optional)
	ITU-T G.8032 / Y.1344 ERPS v1/v2 (Ethernet Ring Protection Switch)	Power Requirement	
	IEEE 802.1Q Virtual Local Area Network (VLAN)	Input Voltage	90~264VAC Power Input
	IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization	Power Connection	AC Socket
Switch Properties	IEEE 802.1X Network Authentication	Power Consumption	Max 24W full loading
	IEEE 802.1AB Link Layer Discovery Protocol (LLDP)	Environmental Limits	
	IEEE 802.3ad Link Aggregation (LACP)	Operating Temperature	STD: -10°C to 65°C EOT: -40°C to 75°C
	Switch Architecture	Storage Temperature	-40°C to 85°C
	Back-Plane (Switching Fabric): 52.0Gbps	Ambient Relative Humidity	5% to 95%, (non-condensing)
	Protocols	Regulatory Approvals	
	CSMA/CD, IGMP v1/v2, SNMP v1/v2c/v3, TFTP, SNMP, RARP, RMON, Syslog, NAT, DHCP per port, SMTP, Quick ERPS, TLS	EMI	FCC Part 15 Subpart B Class A, CE EN61000-6-4 Class A
	Processing Type	EMS	CE EN61000-6-2 Class A
	Flow Control		IEC61000-4-2 (ESD)
	Store and Forward		IEC61000-4-3 (RS)
	IEEE 802.3x flow control, back pressure flow control		IEC61000-4-4 (EFT)
	14,880pps for Ethernet Port		IEC61000-4-5 (Surge)
Port Interface	Transfer Rate		IEC61000-4-6 (CS)
	148,800pps for Fast Ethernet Port	Free Fall	IEC61000-4-8 (Magnetic Field)
	1,488,000pps for Gigabit Ethernet Port		IEC60068-2-32
	Packet Buffer		Shock
	4Mbits		IEC60068-2-27
	Jumbo Frame		Vibration
	9.6Kbytes		IEC60068-2-6
	MAC Table Size	Green	RoHS Compliant
	8K		Certifications
	Ethernet Port		FCC, CE
	24*10/100/1000BaseT(X) and 2*10/100/1000BaseT(X) with combo port Auto-Negotiation, Full/Half Duplex, Auto-MDI/MDI-X		Warranty
	Gigabit Combo Port (Copper/SFP)		5 Years
	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)		

ORDERING INFO

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LMX-2602G-SFP-T	26-Port Industrial Gigabit Managed Ethernet Switch, w/24*10/100/1000Tx RJ45 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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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