

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

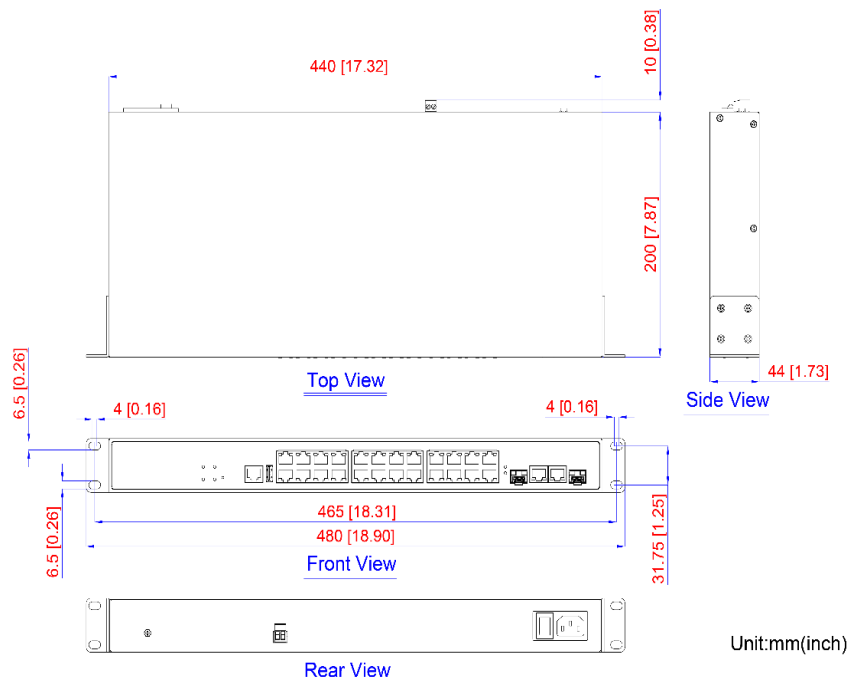
INTRODUCTION

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	
	IEEE 802.3u 100Base-TX Fast Ethernet
	IEEE 802.3ab 1000Base-T Gigabit Ethernet
	IEEE 802.3z 1000Base-X Gigabit Fiber
	IEEE 802.3x Flow Control
	IEEE 802.1d STP (Spanning Tree Protocol)
	IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)
	IEEE 802.1s MSTP (Multiple Spanning Tree Protocol)
Standards	
	ITU-T G.8032 / Y.1344 ERPS v1/v2 (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)
	IEEE 802.3ad Link Aggregation (LACP)
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, NAT, DHCP per port, SMTP, Quick ERPS, TLS
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	24*10/100/1000BaseT(X) and 2*10/100/1000BaseT(X) with combo port Auto-Negotiation, Full/Half Duplex, Auto-MDI/MDI-X
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)
	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 90~264VAC Power Input
	Power Connection AC Socket
	Power Consumption Max 24W full loading
	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 EN61000-6-4 Class A
	CE EN61000-6-2 Class A
	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)
	Free Fall IEC60068-2-32
	Shock IEC60068-2-27
	Vibration IEC60068-2-6
	Green RoHS Compliant
	Certifications FCC, CE
	Warranty 5 Years

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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