

# 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

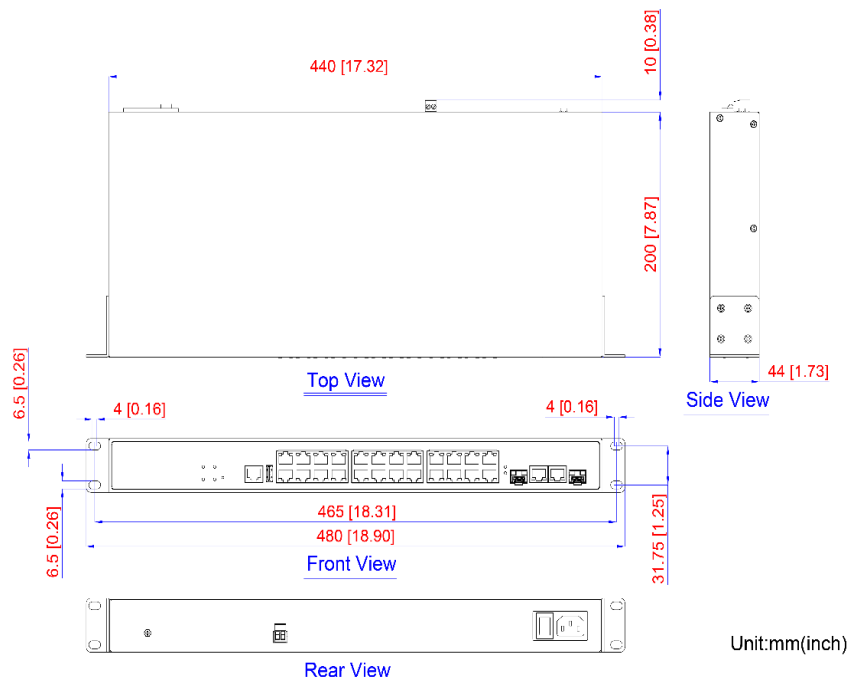
## INTRODUCTION

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

<b>Technology</b>		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)
<b>Standards</b>		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)
<b>Switch Properties</b>		
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 52.0Gbps CSMA/CD, IGMP v1/v2, SNMP v1/v2c/v3, TFTP, SNMP, RARP, RMON, Syslog, NAT, DHCP per port, SMTP, Quick ERPS, TLS	
<b>Protocols</b>	Store and Forward IEEE 802.3x flow control, back pressure flow control	
<b>Processing Type</b>	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	
<b>Flow Control</b>	4Mbits	
<b>Transfer Rate</b>	9.6Kbytes	
<b>Packet Buffer</b>	8K	
<b>Jumbo Frame</b>		
<b>MAC Table Size</b>		
<b>Port Interface</b>		
<b>Ethernet Port</b>	24*10/100/1000BaseT(X) and 2*10/100/1000BaseT(X) with combo port Auto-Negotiation, Full/Half Duplex, Auto-MDI/MDI-X	
<b>Gigabit Combo Port (Copper/SFP)</b>	2*RJ45 Ports w/10/100/1000Tx Ethernet and 2*100/1000 SFP Slot	
<b>Wavelength</b>	Depends on SFP modules 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)	
<b>Network Cable</b>		
<b>Protection</b>		
<b>Overload Current Protection</b>	Present (Slow-Blow Fuse)	
<b>Reverse Polarity Protection</b>	Present	
<b>Mechanical Characteristics</b>		
<b>Housing</b>	Metal, IP40 Protection	
<b>Dimensions</b>	440 x 200 x 44 mm	
<b>Weight</b>	Unit: 6.17lbs Shipping: 7.94lbs	
<b>Mounting</b>	DIN-Rail, Wall-mount (Optional)	
<b>Power Requirement</b>		
<b>Input Voltage</b>	90~264VAC Power Input	
<b>Power Connection</b>	AC Socket	
<b>Power Consumption</b>	Max 24W full loading	
<b>Environmental Limits</b>		
<b>Operating Temperature</b>	STD: -10°C to 65°C EOT: -40°C to 75°C	
<b>Storage Temperature</b>	-40°C to 85°C	
<b>Ambient Relative Humidity</b>	5% to 95%, (non-condensing)	
<b>Regulatory Approvals</b>		
<b>EMI</b>	FCC Part 15 Subpart B Class A, CE EN61000-6-4 Class A CE 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)	
<b>EMS</b>		
<b>Free Fall</b>	IEC60068-2-32	
<b>Shock</b>	IEC60068-2-27	
<b>Vibration</b>	IEC60068-2-6	
<b>Green</b>	RoHS Compliant	
<b>Certifications</b>	FCC, CE	
<b>Warranty</b>	5 Years	

## ORDERING INFO

<b>LMX-2602G-SFP</b>	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)
<b>LMX-2602G-SFP-T</b>	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

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.

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