LMX-2602G-SFP Series

26-Port Industrial 1U 19 Inch Rackmount Gigabit Managed Ethernet Switch, 24*10/100/1000TX RJ45 and 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots)

FEATURES

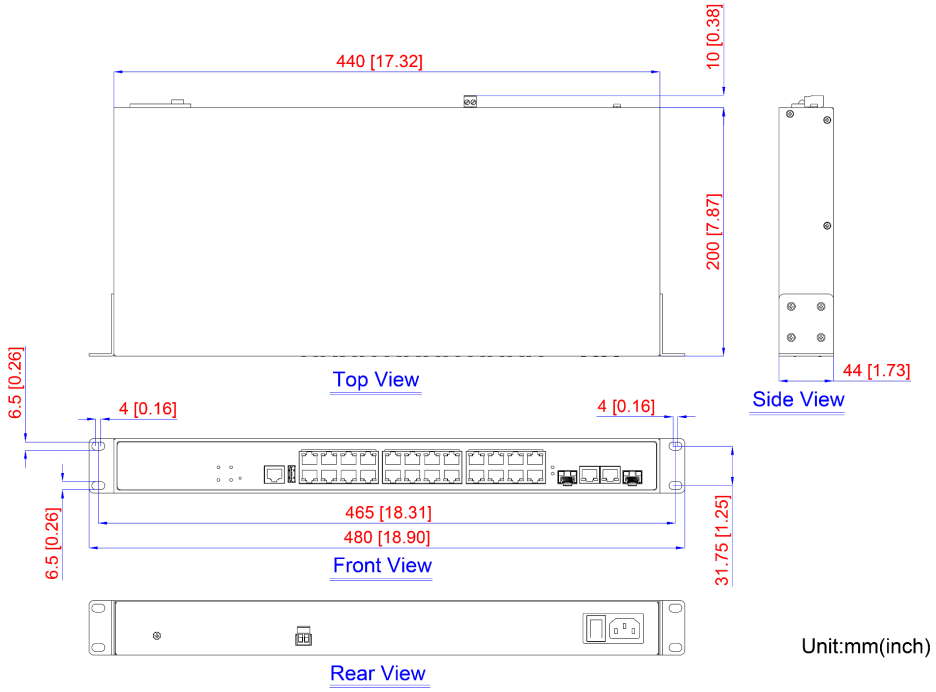
- **Support 24*10/100/1000Tx Ethernet Ports**
- **Support 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots**
- **9.6Kbytes Jumbo Frame Support**
- **Store-and-Forward Switching Architecture**
- **Power Input: 100~240VAC**
- **Built-in Relay Output Warning for Power Failure**
- **IP40 Protection**
- **1U 19" Rack Mountable**
- **Operating Temperature - 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 embedded with 24*10/100/1000Tx Ethernet ports that support IEEE 802.3af/at for a maximum of 30W/port and two gigabit combo ports with 2*10/100/1000 RJ45 ports and 2*100/1000 dual rate SFP slot for fiber connection.

The LMX-2602G-SFP Series is IP40 rated and 1U 19" rack mountable. There are also two wide-operating temperature models for either a standard temperature range (STD: -10°C to 65°C) or an extended temperature range (EOT: -40°C to 75°C). It also provides high EFT and ESD protection for industrial networking applications, such as power/utility, water wastewater, oil/gas/mining, factory automation, security surveillance, ITS, and any other outdoor or harsh environment.

DIMENSIONS



SPECIFICATIONS

TECHNOLOGY	
Standards	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000BaseT Gigabit Ethernet IEEE 802.3z 1000Base-X Gigabit Fiber 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) IEEE 802.3ad Link Aggregation (LACP)

SWITCH PROPERTIES	
Switch Architecture	Switching Fabric (Back-Plane): 52Gbps
Processing Type	Store and Forward
Flow Control	IEEE 802.3x flow control, back pressure flow control
Protocol	CSMA/CD, IGMP v1/v2, SNMP v1/v2c/v3, TFTP, SNTP, RARP, RMON, Syslog
Transfer Rate	14,880pps for Ethernet 148,800pps for Fast Ethernet 1,488,000pps for Gigabit Ethernet
MAC Table Size	8K
Jumbo Frame	9.6Kbytes
Memory Buffer	4Mbits

PORT INTERFACE	
Ethernet Port	24*10/100/1000Base-TX Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
Gigabit Combo Port	2*10/100/1000Tx RJ45 Ports and 2*100/1000 SFP Slots
LED Indicators	System: Power, Master, Ring, Fault Ethernet ports: Speed/Link/Active SFP: Speed/Link/Active
Wavelength	Refer to SFP module
Network Cable	10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BaseTX: 4-pair UTP/STP Cat. 5/5E cable; EIA/TIA-568 100-ohm (100m)

MECHANICAL CHARACTERISTICS	
Housing	Metal, IP40 protection
Dimension	440 x 44 x 200 mm (W x H x D)
Weight	Unit: 5.92 lbs Shipping: 7.87 lbs
Mounting	1U 19” Rackmount

POWER REQUIREMENT	
Input Voltage	100-240VAC, 50-60Hz
Power Connection	1 AC socket
Relay Contact	24VDC, 1A resistive
Overload Current Protection	Present (Slow-Blown Fuse)
System Power Consumption	21 Watts

ENVIRONMENTAL LIMITS	
Operating Temperature	STD: -10°C to 65°C EOT: -40°C to 75°C
Storage Temperature	-40°C ~ 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
EMS	CE EN61000-6-2, IEC61000-4-2,3,4,5,6,8
Certifications	FCC, CE
Warranty	5 Years

ORDERING INFORMATION

LMX-2602G-SFP	26-Port Industrial 1U 19 Inch Rackmount Gigabit Managed Ethernet Switch, 24*10/100/1000TX RJ45 and 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slots)
LMX-2602G-SFP-T	26-Port Industrial 1U 19 Inch Rackmount Gigabit Managed Ethernet Switch, 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