

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

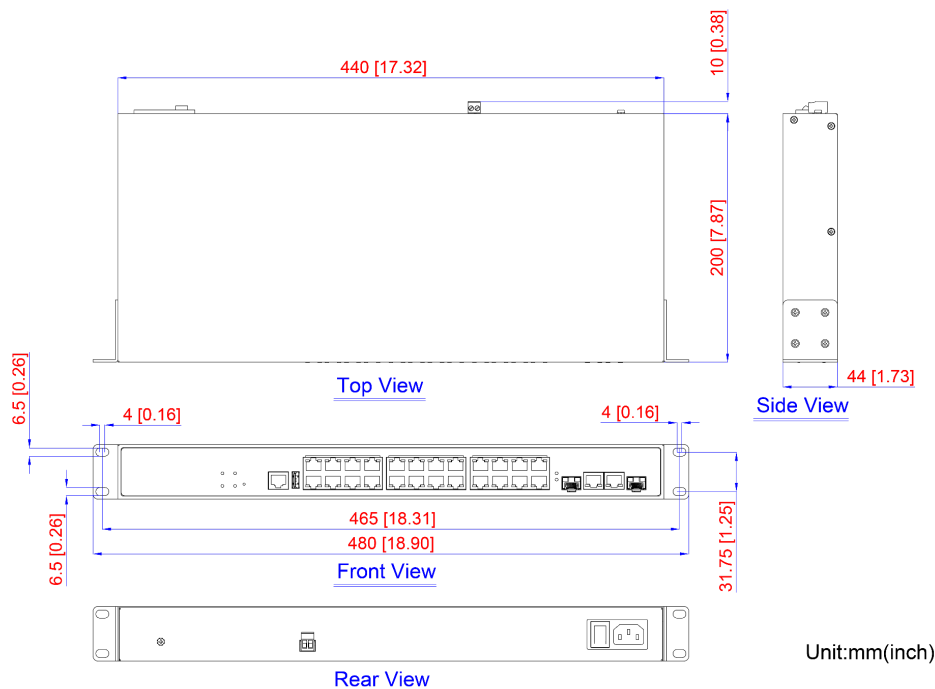


INTRODUCTION

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

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)

Standards

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

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

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)

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)

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

TO LEARN MORE - CONTACT:



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