

# **entaira**®

## LMX-0602-XX-V2 Series

6-Port Industrial Light Layer 3 Managed Ethernet Switch, with 4\*10/100Tx and 2\*100Fx Multi-Mode/Single Mode, 12~48VDC Power Input; Version 2 Hardware









#### **Features**

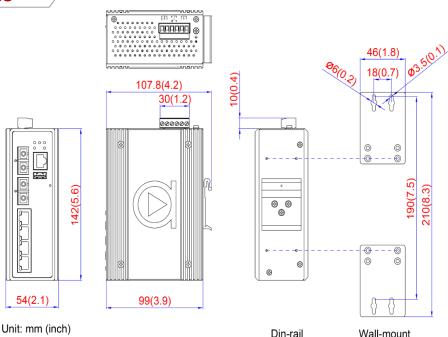
- ► Supports 4\*10/100Tx RJ45 Ports and 2\*100Fx Fiber
- Supports Network Redundancy: STP/RSTP/MSTP, and G.8032 ERPS (Recovery Time <50ms)</li>
- ► Supports IPv4/IPv6, and DHCP Option 66/67/82
- Supports Modbus/TCP Protocol for Device Management and Monitoring
- ► Configuration: Web Console, Telnet, CLI Command
- ► Supports IGMP v1/v2/v3, up to 1024 Groups
- ► QoS (IEEE802.1p/1Q), CoS/ToS to Increase Determinism
- ► Redundant Power Input Design: 12~48VDC
- ► Reverse Polarity Protection
- ► IP30 Protection
- **▶ DIN-Rail or Wall Mountable**
- ▶ Operating Temperature Range - STD: -10°C to 70°C, EOT: -40°C to 75°C
- ► 5-Year Warranty

#### INTRODUCTION

Antaira Technologies' LMX-0602-XX-V2 series is a 6-port industrial managed Ethernet switch embedded with 4\*10/100Tx Ethernet ports and 2\*100Fx fiber connections. The LMX-0602-XX-V2 is a fully manageable light layer 3 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 Ethernet Ring Protection Switch (ERPS) protocol that has a <50ms network recovery time. The advanced network filtering and security functions, such as IGMP, VLAN, QoS, SNMP, RMON, Modbus TCP, and 802.1X/HTTPS/SSH/SSL increase determinism and improve network management for remote SCADA systems or control networks.

The LMX-0602-XX-V2 series is IP30 rated and DIN-rail mountable. There are also two wide operating temperature models for either a standard temperature range (STD: -10°C to 70°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



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Toll-Free:1 (844) 268-2472

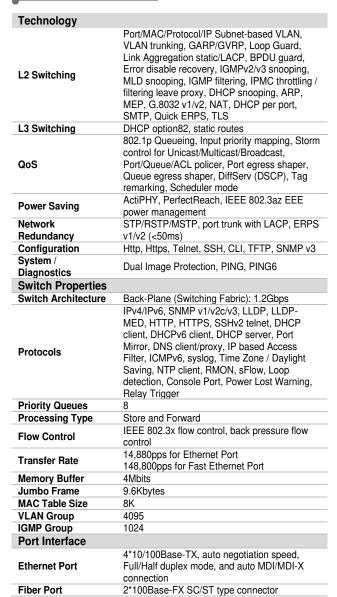
T: 1 (714) 671-9000

F: 1 (714) 671-9944



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### SPECIFICATIONS



RS232 Serial Console	1*RS232 in RJ45
LED Indicators	System: Power 1, Power 2, Master, Ring, Fault Ethernet Ports: Speed/Link/Active Fixed Fiber: Link/Active
Protection	
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)
<b>Mechanical Charac</b>	eteristics
Housing	Metal, IP30 protection
Dimensions	54 x 142 x 99 mm (W x H x D)
Weight	Unit: 1.9 lbs Shipping: 2.7 lbs
Mounting	DIN-Rail mounting, Wall mounting
Power Requiremen	t
Input Voltage	12~48VDC Redundant Input
Power Connection	1 removable 6-contact terminal block
Relay Contact	24VDC, 1A resistive
Overload Current Protection	Present
Reverse Polarity Protection	Present
System Power Consumption	7.5W
<b>Environmental Lim</b>	<del></del>
Operating Temperature	STD: -10°C to 70°C EOT: -40°C to 75°C
Storage Temperature	-40°C to 85°C
Ambient Relative Humidity	5% to 95%, (non-condensing)
Regulatory Approv	
ЕМІ	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
EMS	CE EN55035/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
A .:# .:	
Certifications Warranty	FCC, CE, UL 61010-1, 61010-2-201 5 Years

## ORDERING INFO

LMX-0602-M-V2	6-Port Industrial Light Layer 3 Managed Ethernet Switch, with 4*10/100Tx and 2*100Fx Multi-Mode 2Km, 12~48VDC Power Input; Version 2 Hardware
LMX-0602-M-T-V2	6-Port Industrial Light Layer 3 Managed Ethernet Switch, with 4*10/100Tx and 2*100Fx Multi-Mode 2Km, 12~48VDC Power Input; Version 2 Hardware; EOT: -40°C to 75°C
LMX-0602-S3-V2	6-Port Industrial Light Layer 3 Managed Ethernet Switch, with 4*10/100Tx and 2*100Fx Single-Mode 30Km, 12~48VDC Power Input; Version 2 Hardware
LMX-0602-S3-T-V2	6-Port Industrial Light Layer 3 Managed Ethernet Switch, with 4*10/100Tx and 2*100Fx Single-Mode 30Km, 12~48VDC Power Input; Version 2 Hardware; EOT: -40°C to 75°C
LMX-0602-ST-M-V2	6-Port Industrial Light Layer 3 Managed Ethernet Switch, with 4*10/100Tx and 2*100Fx Multi-Mode 2Km, ST Connector, 12~48VDC Power Input; Version 2 Hardware
LMX-0602-ST-M-T-V2	6-Port Industrial Light Layer 3 Managed Ethernet Switch, with 4*10/100Tx and 2*100Fx Multi-Mode 2Km, ST Connector, 12~48VDC Power Input; Version 2 Hardware; EOT: -40°C to 75°C
LMX-0602-ST-S3-V2	6-Port Industrial Light Layer 3 Managed Ethernet Switch, with 4*10/100Tx and 2*100Fx Single-Mode 30Km, ST Connector, 12~48VDC Power Input; Version 2 Hardware
LMX-0602-ST-S3-T-V2	6-Port Industrial Light Layer 3 Managed Ethernet Switch, with 4*10/100Tx and 2*100Fx Single-Mode 30Km, ST

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Connector, 12~48VDC Power Input; Version 2 Hardware; EOT: -40°C to 75°C

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# **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.

### 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