

# LMX-0500-V2 Series

5-Port Industrial Managed Ethernet Switches with 5\*10/100Tx, 12~48VDC Power Input; Version 2 Hardware



## Features

- ▶ Supports 5\*10/100Tx Fast Ethernet Ports
- ▶ Network Redundancy Support: RSTP, and G.8032 ERPS (Recovery Time <50ms)
- ▶ Configuration: Web Console, Telnet, CLI Command
- ▶ Supports IGMP v1/v2/v3, up to 1024 Groups
- ▶ Supports QoS (IEEE802.1p) and CoS/ToS
- ▶ Supports IEEE802.1Q VLAN, SNMP v1/v2c/v3
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Reverse Polarity Protection
- ▶ IP30 Protection
- ▶ DIN-Rail or Wall Mountable
- ▶ Operating Temperature Range
  - STD: -10° to 70°C, EOT: -40° to 75°C
- ▶ 5-Year Warranty

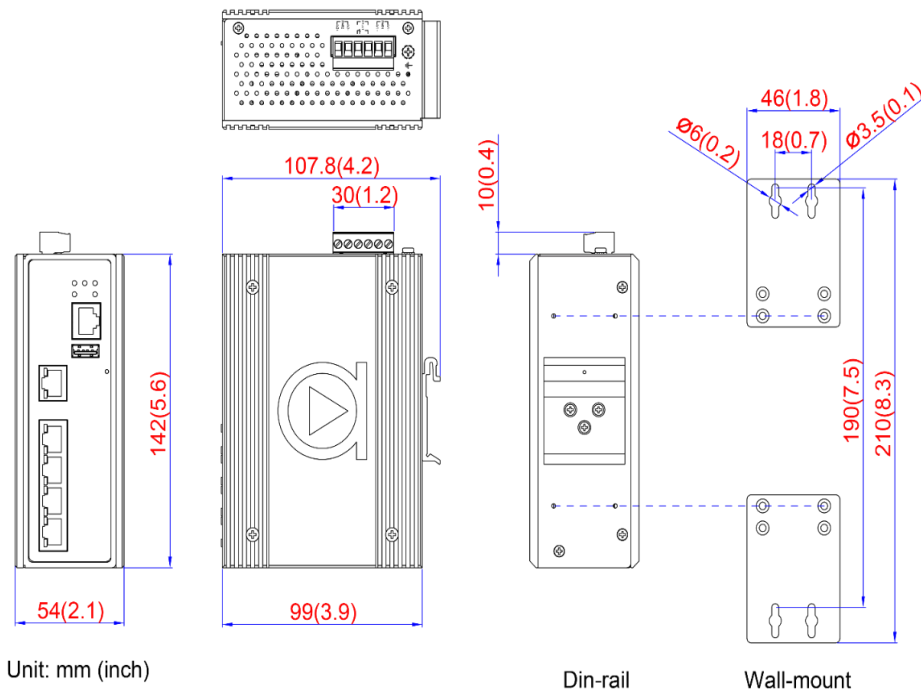
## INTRODUCTION

Antaira Technologies' LMX-0500-V2 series is a 5-port industrial managed Ethernet switch that is embedded with 5\*10/100Tx fast Ethernet ports. This series is a fully manageable industrial Ethernet switch pre-loaded with standard Layer 2 network management software, and supports a user friendly web console interface for easy configuration.

The LMX-0500-V2 series is IP30 rated, DIN-rail mountable, and has 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 any industrial networking application within factory automation, ITS, power/utility, water wastewater, and any other outdoor or harsh environment.

Version 2 hardware is compatible with the latest layer 2+ firmware which permits static routes between VLANs.

## DIMENSIONS



## SPECIFICATIONS

<b>Technology</b>		<b>Protection</b>	
<b>L2 Switching</b>	Port/MAC/Protocol/IP Subnet-based VLAN, VLAN trunking, GARP/GVRP, Loop Guard, Link Aggregation static/LACP, BPDU guard, Error disable recovery, IGMPv2/v3 snooping, MLD snooping, IGMP filtering, IPMC throttling / filtering leave proxy, DHCP snooping, ARP, MEP, G.8032 v1/v2, NAT, DHCP per port, SMTP, Quick ERPS, TLS	<b>Network Cable</b>	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>L3 Switching</b>	DHCP option82, static routes	<b>Mechanical Characteristics</b>	
<b>QoS</b>	802.1p Queueing, Input priority mapping, Storm control for Unicast/Multicast/Broadcast, Port/Queue/ACL policer, Port egress shaper, Queue egress shaper, DiffServ (DSCP), Tag remarking, Scheduler mode	<b>Housing</b>	Metal, IP30 protection
<b>Power Saving</b>	ActiPHY, PerfectReach, IEEE 802.3az EEE power management	<b>Dimensions</b>	54 x 142 x 99 mm (W x H x D)
<b>Network Redundancy</b>	STP/RSTP/MSTP, port trunk with LACP, ERPS v1/v2 (<50ms)	<b>Weight</b>	Unit: 1.9 lbs Shipping: 2.7 lbs
<b>Configuration System / Diagnostics</b>	Http, Https, Telnet, SSH, CLI, TFTP, SNMP v3	<b>Mounting</b>	DIN-Rail, Wall-mount (Optional)
<b>Switch Properties</b>		<b>Power Requirement</b>	
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 1Gbps	<b>Input Voltage</b>	12~48VDC Redundant Input
<b>Priority Queues</b>	8	<b>Power Connection</b>	1 removable 6-contact terminal block
<b>Processing Type</b>	Store and Forward	<b>Relay Contact</b>	24VDC, 1A resistive
<b>Flow Control</b>	IEEE 802.3x flow control, back pressure flow control	<b>Overload Current Protection</b>	Present
<b>Transfer Rate</b>	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port	<b>Reverse Polarity Protection</b>	Present
<b>Memory Buffer</b>	4Mbits	<b>Power Consumption</b>	7.5W
<b>Jumbo Frame</b>	9.6Kbytes	<b>Environmental Limits</b>	
<b>MAC Table Size</b>	8K	<b>Operating Temperature</b>	STD: -10°C to 70°C EOT: -40°C to 75°C
<b>VLAN Group</b>	4095	<b>Storage Temperature</b>	-40°C to 85°C
<b>IGMP Group</b>	1024	<b>Ambient Relative Humidity</b>	5% to 95%, (non-condensing)
<b>Port Interface</b>		<b>Regulatory Approvals</b>	
<b>Ethernet Port</b>	5*10/100Base-TX, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	<b>EMI</b>	FCC Part 15 Subpart B Class A, CE EN55022/EN61000-6-4 Class A
<b>RS232 Serial Console</b>	1*RS232 in RJ45	<b>EMS</b>	CE EN55024/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
<b>Configuration Backup</b>	1*USB 2.0	<b>Free Fall / Shock / Vibration</b>	IEC60068-2-32 / IEC60068-2-27 / IEC60068-2-6
<b>LED Indicators</b>	System: Power 1, Power 2, Master, Ring, Fault Ethernet Ports: Speed/Link/Active Fixed Fiber: Link/Active	<b>Green Certifications</b>	RoHS Compliant
		<b>Warranty</b>	5 Years

## ORDERING INFO

<b>LMX-0500-V2</b>	5-Port Industrial Managed Ethernet Switches with 5*10/100Tx, 12~48VDC Power Input; Version 2 Hardware
<b>LMX-0500-T-V2</b>	5-Port Industrial Managed Ethernet Switches with 5*10/100Tx, 12~48VDC Power Input; Version 2 Hardware; EOT: -40°C to 75°C

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