

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

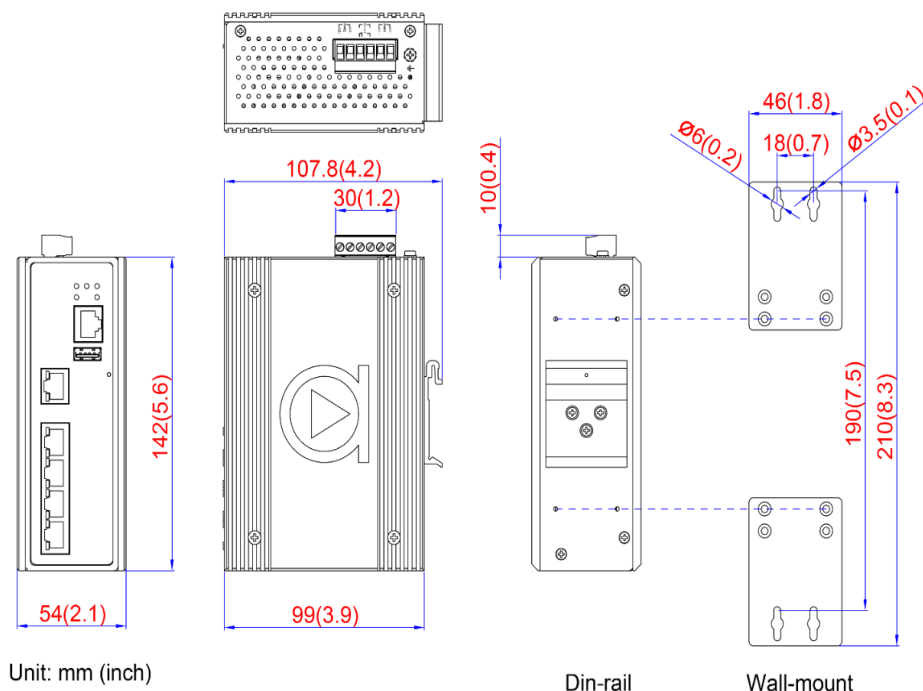
INTRODUCTION

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

Technology		Protection	
L2 Switching	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	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)
Mechanical Characteristics			
L3 Switching	DHCP option82, static routes 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	Housing	Metal, IP30 protection
QoS		Dimensions	54 x 142 x 99 mm (W x H x D)
Power Saving	ActiPHY, PerfectReach, IEEE 802.3az EEE power management	Weight	Unit: 1.9 lbs Shipping: 2.7 lbs
Network Redundancy	STP/RSTP/MSTP, port trunk with LACP, ERPS v1/v2 (<50ms)	Mounting	DIN-Rail, Wall-mount (Optional)
Configuration System / Diagnostics	Http, Https, Telnet, SSH, CLI, TFTP, SNMP v3 Dual Image Protection, PING, PING6	Power Requirement	
Switch Properties		Input Voltage	12~48VDC Redundant Input
Switch Architecture	Back-Plane (Switching Fabric): 1Gbps	Power Connection	1 removable 6-contact terminal block
Priority Queues	8	Relay Contact	24VDC, 1A resistive
Processing Type	Store and Forward	Overload Current Protection	Present
Flow Control	IEEE 802.3x flow control, back pressure flow control	Reverse Polarity Protection	Present
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port	Power Consumption	7.5W
Memory Buffer	4Mbits	Environmental Limits	
Jumbo Frame	9.6Kbytes	Operating Temperature	STD: -10°C to 70°C EOT: -40°C to 75°C
MAC Table Size	8K	Storage Temperature	-40°C to 85°C
VLAN Group	4095	Ambient Relative Humidity	5% to 95%, (non-condensing)
IGMP Group	1024	Regulatory Approvals	
Port Interface		EMI	FCC Part 15 Subpart B Class A, CE EN55022/EN61000-6-4 Class A
Ethernet Port	5*10/100Base-TX, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	EMS	CE EN55024/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
RS232 Serial Console	1*RS232 in RJ45	Free Fall / Shock / Vibration	IEC60068-2-32 / IEC60068-2-27 / IEC60068-2-6
Configuration Backup	1*USB 2.0	Green	RoHS Compliant
LED Indicators	System: Power 1, Power 2, Master, Ring, Fault	Certifications	FCC, CE
	Ethernet Ports: Speed/Link/Active Fixed Fiber: Link/Active	Warranty	5 Years

ORDERING INFO

LMX-0500-V2	5-Port Industrial Managed Ethernet Switches with 5*10/100Tx, 12~48VDC Power Input; Version 2 Hardware
LMX-0500-T-V2	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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