

LMX-0600-V2 Series

6-Port Industrial Light Layer 3 Managed Ethernet Switch with 6*10/100Tx, 12~48VDC Power Input; Version 2 Hardware



Features

- ▶ Supports 6*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°C to 70°C, EOT: -40°C to 75°C
- ▶ 5-Year Warranty

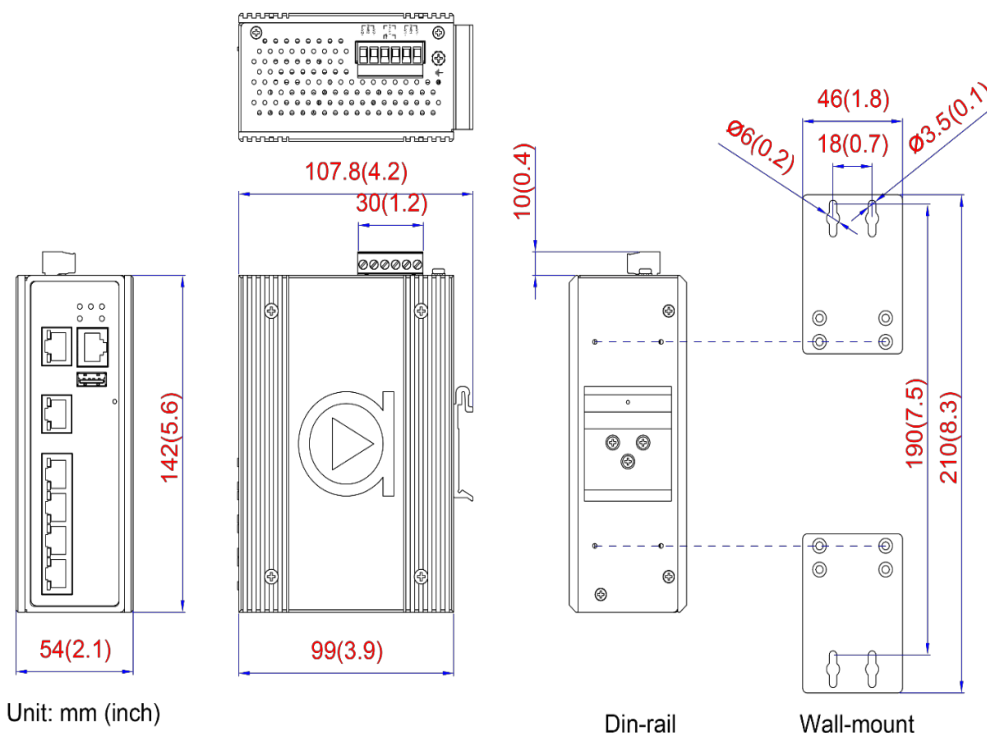
INTRODUCTION

Antaira Technologies' LMX-0600-V2 series is a 6-port industrial managed Ethernet switch that is embedded with 6*10/100Tx fast Ethernet ports. This series is a fully manageable industrial Ethernet switch pre-loaded with light layer 3 network management software, and supports a user friendly web console interface for easy configuration.

The LMX-0600-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 light layer 3 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	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)
	L3 Switching		
QoS	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	Mechanical Characteristics	
	Power Saving	Housing	Metal, IP30 protection
Network Redundancy	STP/RSTP/MSTP, port trunk with LACP, ERPS v1/v2 (<50ms)	Dimensions	54 x 142 x 99 mm (W x H x D)
Configuration	Http, Https, Telnet, SSH, CLI, TFTP, SNMP v3	Weight	Unit: 1.9 lbs Shipping: 2.7 lbs
System / Diagnostics	Dual Image Protection, PING, PING6	Mounting	DIN-Rail mounting, Wall mounting
Switch Properties		Power Requirement	
Switch Architecture	Back-Plane (Switching Fabric): 1.2Gbps IPv4/IPv6, SNMP v1/v2c/v3, LLDP, LLDP-MED, HTTP, HTTPS, SSHv2 telnet, DHCP client, DHCPv6 client, DHCP server, Port Mirror, DNS client/proxy, IP based Access Filter, ICMPv6, syslog, Time Zone / Daylight Saving, NTP client, RMON, sFlow, Loop detection, Console Port, Power Lost Warning, Relay Trigger, NAT, DHCP per port, SMTP, Quick ERPS, TLS	Input Voltage	12~48VDC Redundant Input
Protocols		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	System 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 EN55032/EN61000-6-4 Class A
Ethernet Port	6*10/100Base-TX, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	EMS	CE EN55035/EN61000-6-2 IEC61000-4-2,3,4,5,6,8
RS232 Serial Console	1*RS232 in RJ45	Free Fall	IEC60068-2-32
LED Indicators	System: Power 1, Power 2, Master, Ring, Fault Ethernet Ports: Speed/Link/Active	Shock	IEC60068-2-27
		Vibration	IEC60068-2-6
		Green	RoHS Compliant
		Certifications	FCC, CE, UL 61010-1, 61010-2-201
		Warranty	5 Years

ORDERING INFO

LMX-0600-V2	6-Port Industrial Light Layer 3 Managed Ethernet Switch with 6*10/100Tx, 12~48VDC Power Input; Version 2 Hardware
LMX-0600-T-V2	6-Port Industrial Light Layer 3 Managed Ethernet Switch with 6*10/100Tx, 12~48VDC Power Input; Version 2 Hardware; EOT: -40°C to 75°C

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