

LMX-0500 series

5-Port Industrial Managed Ethernet Switch, with 5*10/100Tx, 12~48VDC



Features

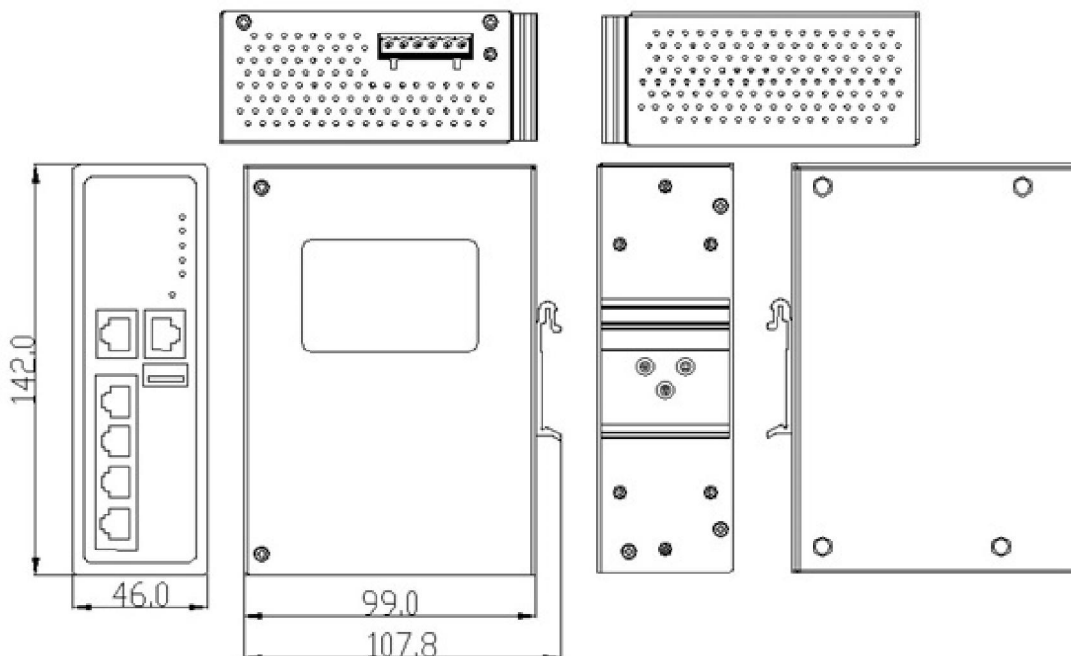
- ▶ Supports 5*10/100Tx Fast Ethernet Ports
- ▶ Network Redundancy Support: RSTP and G.8032 ERPS (recovery time <50ms)
- ▶ Configuration: Web Console, Telnet, CLI command
- ▶ Supports IGMP v1/v2, up to 256 Groups
- ▶ Supports QoS (IEEE 802.1p) and CoS/ToS
- ▶ Supports IEEE 802.1Q VLAN, SNMP v1/v2c
- ▶ System Warning Setting for Automatic Warning Through E-mail
- ▶ Redundant Power Input Design – 12~48VDC
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range: STD: -10° to 70°C, EOT: -40° to 75°C
- ▶ 5-Year Warranty

INTRODUCTION

Antaira LMX-0500 series is a 5-Port Industrial Managed Ethernet Switch which embedded with 5*10/100Tx fast Ethernet ports. This series is a full manageable Industrial Ethernet Switch pre-loaded with standard Layer 2 network management software and supports a user-friendly Web Console interface for easy configuration.

LMX-0500 series is IP30 rated and DIN-rail mountable design and provides wide operating temperature range models in STD: -10°C to 70°C, and EOT: -40°C to 75°C, and it also provided high EFT and ESD protection for any industrial networking application in factory automation, ITS, Power/Utility, Water Wastewater Treatment plants, any outdoor or harsh environment.

DIMENSIONS



SPECIFICATIONS

Technology	
	IEEE 802.3 10Tx Ethernet IEEE 802.3U 100Tx Fast Ethernet IEEE 802.3x Flow Control for Full Duplex IEEE 802.1d STP (Spanning Tree Protocol) IEEE 802.1w RSTP (Rapid Spanning Tree Protocol) IEEE 802.1s MTP (Multiple Spanning Tree Protocol)
Standards	
	ITU-TG.8032 /Y.1344 ERPS (Ethernet Ring Protection Switch) IEEE 802.1Q Virtual LANs (VLAN) IEEE 802.1X Network Authentication IEEE 802.1ad Stacked VLAN, Q-in-Q IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization
Switch Properties	
Protocol	CSMA/CD, IGMPv1/v2, SNMPv1/v2, TFTP, SNMP, SMTP, RARP, Syslog
Configuration	Web Console, Telnet, CLI
Transfer Rate	14,880pps for 10Base-T Ethernet port 148,880pps for 100Base-T Fast Ethernet port
Packet Buffer	1 Mbits
MAC Table	8K
Jumbo Frame	-
Flow Control	IEEE 802.3x for full duplex mode, back pressure for half duplex mode
VLAN Group	0 ~ 4094
IGMP Group	Up to 256 Groups
Port Interface	
Ethernet Port	5*10/100BaseTx, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
Fiber Port	-
RS232 Serial Console	1*RS232 in RJ45 connector with console cable, 115.2bps, 8,N,1
Configuration Backup	1*USB 2.0

Protection	
Overload Current Protection	Present
Power Reverse Polarity	Present (the unit will not be on, if power reverse)
CPU Watch Dog	Present
Network Cable	
	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; 100Base-TX: 2-pair UTP/STP Cat. 5 cable. EIA/TIA-568 100-ohm (100m)
Mechanical Characteristics	
LED Indicators	Per Unit: Power 1 & 2 (Green), Fault (Red)
Housing	Metal, IP30 rated
Dimension	46 x 142 x 99 mm
Weight	Unit: 1.3 lbs Shipping: 2.2 lbs
Mounting	DIN-Rail; Wall-mount (optional)
Power Requirement	
Input Voltage	12~48VDC Redundant Input
Power Connection	1 removable 6-contact terminal block
Power Consumption	10 Watts
Environmental Limits	
Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Storage Temperature	-40°~85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)
Regulatory Approvals	
EMI	FCC Class A
EMS	EN6100-4-2,3,4,5,6,8 EN6100-6-2,4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL 61010-1, UL 61010-2-201
Warranty	5 Years

ORDERING INFO

LMX-0500	5-Port Industrial Managed Switch, with 5*10/100Tx, 12~48VDC
LMX-0500-T	5-Port Industrial Managed Switch, with 5*10/100Tx, 12~48VDC; EOT: -40° to 75°C

Optional Accessories

MDR-10-24	10W Industrial DIN-Rail Power Supply, 24VDC
DR-15-24	15W Industrial DIN-Rail Power Supply, 24VDC
DR-45-24	45W Industrial DIN-Rail Power Supply, 24VDC
MDR-60-48	60W Industrial DIN-Rail Power Supply, 48VDC
DR-75-48	75W Industrial DIN-Rail Power Supply, 48VDC