

LMX-0500 series

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



Features

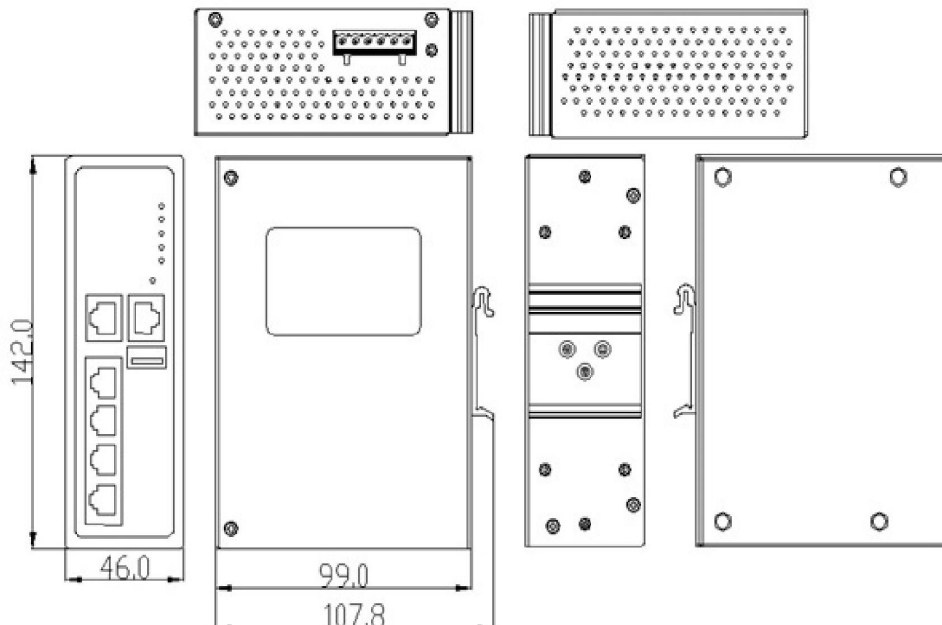
- ▶ Supports 5*10/100Tx Fast Ethernet Ports
- ▶ Network Redundancy Support: RSTP and G.8032 ERPS (recovery time <50ms)
- ▶ Configuration: Web Console, Telnet, CLI command
- ▶ Supports IGMP v1/v2, up to 256 Groups
- ▶ Supports QoS (IEEE 802.1p) and CoS/ToS
- ▶ Supports IEEE 802.1Q VLAN, SNMP v1/v2c
- ▶ 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		Protection		
Standards	IEEE 802.3 10Tx Ethernet	Overload Current Protection	Present	
	IEEE 802.3U 100Tx Fast Ethernet	Power Reverse Polarity	Present (the unit will not be on, if power reverse)	
	IEEE 802.3x Flow Control for Full Duplex	CPU Watch Dog	Present	
	IEEE 802.1d STP (Spanning Tree Protocol)	Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable;	
	IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)		100Base-TX: 2-pair UTP/STP Cat. 5 cable. EIA/TIA-568 100-ohm (100m)	
	IEEE 802.1s MTP (Multiple Spanning Tree Protocol)	Mechanical Characteristics		
	ITU-TG.8032 /Y.1344 ERPS (Ethernet Ring Protection Switch)	LED Indicators	Per Unit: Power 1 & 2 (Green), Fault (Red)	
	IEEE 802.1Q Virtual LANs (VLAN)	Housing	Metal, IP30 rated	
	IEEE 802.1X Network Authentication	Dimension	46 x 142 x 99 mm	
	IEEE 802.1ad Stacked VLAN, Q-in-Q	Weight	Unit: 1.3 lbs Shipping: 2.2 lbs	
IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization	Mounting	DIN-Rail; Wall-mount (optional)		
Switch Properties		Power Requirement		
Protocol	CSMA/CD, IGMPv1/v2, SNMPv1/v2, TFTP, SNTP, SMTP, RARP, Syslog	Input Voltage	12~48VDC Redundant Input	
Configuration	Web Console, Telnet, CLI	Power Connection	1 removable 6-contact terminal block	
Transfer Rate	14,880pps for 10Base-T Ethernet port 148,880pps for 100Base-T Fast Ethernet port	Power Consumption	10 Watts	
Packet Buffer	1 Mbits	Environmental Limits		
MAC Table	8K	Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C	
Jumbo Frame	-	Storage Temperature	-40°~85°C	
Flow Control	IEEE 802.3x for full duplex mode, back pressure for half duplex mode	Ambient Relative Humidity	5 to 95%, (non-condensing)	
VLAN Group	0 ~ 4094	Regulatory Approvals		
IGMP Group	Up to 256 Groups	EMI	FCC Class A	
Port Interface		EMS	EN6100-4-2,3,4,5,6,8 EN6100-6-2,4	
Ethernet Port	5*10/100BaseTx, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	Free Fall	IEC60068-2-32	
Fiber Port	-	Shock	IEC60068-2-27	
RS232 Serial Console	1*RS232 in RJ45 connector with console cable, 115.2bps, 8,N,1	Vibration	IEC60068-2-6	
Configuration Backup	1*USB 2.0	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

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