

## LMX-0500 series

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



### Features

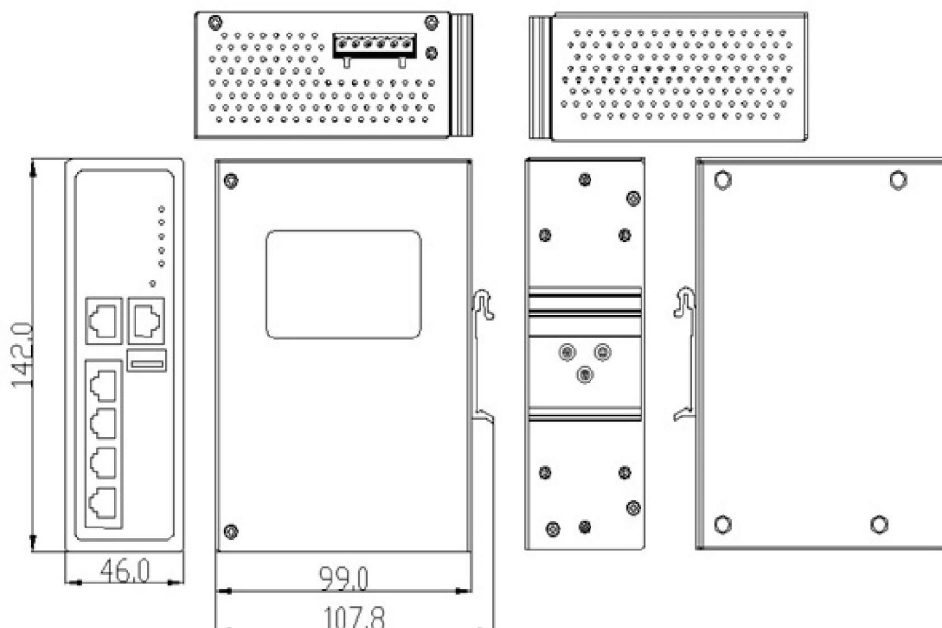
- ▶ Supports 5\*10/100Tx Fast Ethernet Ports
- ▶ Network Redundancy Support: RSTP and G.8032 ERPS (recovery time <50ms)
- ▶ Configuration: Web Console, Telnet, CLI command
- ▶ Supports IGMP v1/v2, up to 256 Groups
- ▶ Supports QoS (IEEE 802.1p) and CoS/ToS
- ▶ Supports IEEE 802.1Q VLAN, SNMP v1/v2c
- ▶ 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

<b>Technology</b>		<b>Protection</b>		
<b>Standards</b>	IEEE 802.3 10Tx Ethernet	<b>Overload Current Protection</b>	Present	
	IEEE 802.3U 100Tx Fast Ethernet	<b>Power Reverse Polarity</b>	Present (the unit will not be on, if power reverse)	
	IEEE 802.3x Flow Control for Full Duplex	<b>CPU Watch Dog</b>	Present	
	IEEE 802.1d STP (Spanning Tree Protocol)	<b>Network Cable</b>	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)	<b>Mechanical Characteristics</b>		
	ITU-TG.8032 /Y.1344 ERPS (Ethernet Ring Protection Switch)	<b>LED Indicators</b>	Per Unit: Power 1 & 2 (Green), Fault (Red)	
	IEEE 802.1Q Virtual LANs (VLAN)	<b>Housing</b>	Metal, IP30 rated	
	IEEE 802.1X Network Authentication	<b>Dimension</b>	46 x 142 x 99 mm	
	IEEE 802.1ad Stacked VLAN, Q-in-Q	<b>Weight</b>	Unit: 1.3 lbs Shipping: 2.2 lbs	
IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization	<b>Mounting</b>	DIN-Rail; Wall-mount (optional)		
<b>Switch Properties</b>		<b>Power Requirement</b>		
<b>Protocol</b>	CSMA/CD, IGMPv1/v2, SNMPv1/v2, TFTP, SNMP, SMTP, RARP, Syslog	<b>Input Voltage</b>	12~48VDC Redundant Input	
<b>Configuration</b>	Web Console, Telnet, CLI	<b>Power Connection</b>	1 removable 6-contact terminal block	
<b>Transfer Rate</b>	14,880pps for 10Base-T Ethernet port 148,880pps for 100Base-T Fast Ethernet port	<b>Power Consumption</b>	10 Watts	
<b>Packet Buffer</b>	1 Mbits	<b>Environmental Limits</b>		
<b>MAC Table</b>	8K	<b>Operating Temperature</b>	STD: -10° to 70°C EOT: -40° to 75°C	
<b>Jumbo Frame</b>	-	<b>Storage Temperature</b>	-40°~85°C	
<b>Flow Control</b>	IEEE 802.3x for full duplex mode, back pressure for half duplex mode	<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)	
<b>VLAN Group</b>	0 ~ 4094	<b>Regulatory Approvals</b>		
<b>IGMP Group</b>	Up to 256 Groups	<b>EMI</b>	FCC Class A	
<b>Port Interface</b>		<b>EMS</b>	EN6100-4-2,3,4,5,6,8 EN6100-6-2,4	
<b>Ethernet Port</b>	5*10/100BaseTx, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	<b>Free Fall</b>	IEC60068-2-32	
<b>Fiber Port</b>	-	<b>Shock</b>	IEC60068-2-27	
<b>RS232 Serial Console</b>	1*RS232 in RJ45 connector with console cable, 115.2bps, 8,N,1	<b>Vibration</b>	IEC60068-2-6	
<b>Configuration Backup</b>	1*USB 2.0	<b>Green</b>	RoHS Compliant	
		<b>Certifications</b>	FCC, CE, UL 61010-1, UL 61010-2-201	
		<b>Warranty</b>	5 Years	

## ORDERING INFO

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

### Optional Accessories

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

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