

# ANT LMX-0800 Series

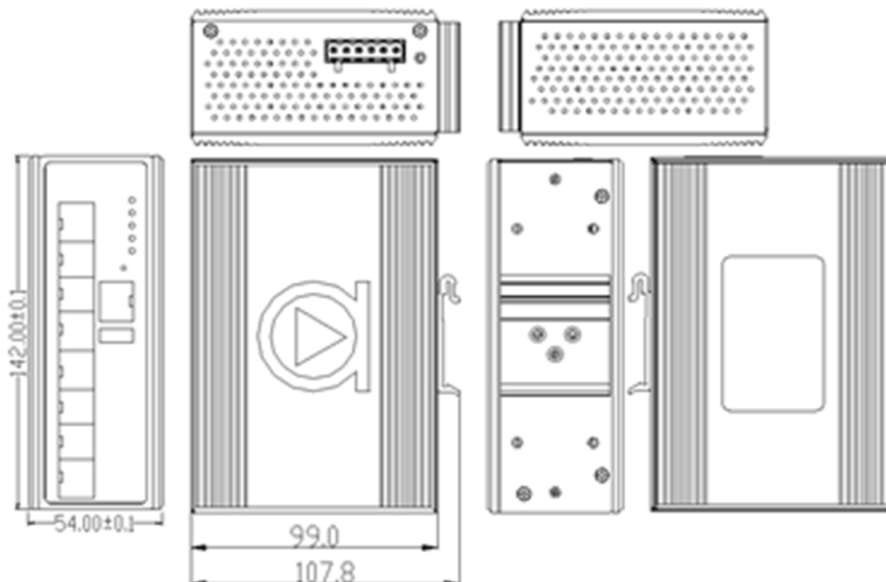
## 8-Port Industrial Managed Ethernet Switch, with 8\*10/100Tx Ports



### Features

- Supports 8\*10/100Tx RJ45 Ports
- Network Redundancy: STP/RSTP/MSTP, and G.8032 ERPS (Recovery Time <50ms)
- Supports IPv4/IPv6, and DHCP Option 66/67/82
- Supports Modbus/TCP Protocol for Device Management and Monitoring
- Configuration: Web Console, Telnet, CLI Command
- IGMP v1/v2 for Multicast Traffic Filtering
- System Warning Setting for Automatic Warning through E-mail
- QoS (IEEE802.1p/1Q), CoS/ToS to Increase Determinism
- IEEE802.1Q VLAN for Easy Network Planning
- Enhanced Network Security with IEEE802.1X, SNMP v1/v2c/v3, HTTPS, and SSH/SSL
- Auto Warning by Exception through E-mail, Relay Output
- Operating Temperature Range: STD: -10° to 70°C, EOT: -40° to 75°C
- 5-Year Warranty

### DIMENSIONS



# ANT LMX-0800 Series

## SPECIFICATIONS

Technology	
	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet IEEE 802.3x Flow Control for Full Duplex IEEE 802.3ad for Port Trunk with LACP IEEE 802.1d STP (Spanning Tree Protocol) IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)
Standards	
	IEEE 802.1s MSTP (Multiple Spanning Tree Protocol) ITU-T G.8032/Y.1344 ERPS (Ethernet Ring Protection Switch) Protocol IEEE 802.1Q for VLAN Tagging IEEE 802.1x for Network Authentication IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization
Switch Properties	
	IGMPv1/v2, SNMPv1/v2c/v3, TFTP, SNMP, SMTP, RMON, HTTP, HTTPS, Telnet, Syslog, DHCP Option 66/67/82, SSH/SSL, Modbus/TCP, LLDP, IPv4/IPv6
Protocol	
	Web Console, Telnet, CLI
Configuration	
Processing Type	
	Store and Forward
Flow Control	
	IEEE 802.3x for full duplex mode, back pressure for half duplex mode
Transfer Rate	
	14,880pps for 10Base-T Ethernet 148,800pps for 100Base-T Fast Ethernet
Packet Buffer	
	4 Mbits
Jumbo Frame	
	-
MAC Table Size	
	8K
VLAN Group	
	0 ~ 4094
IGMP Group	
	Up to 256 Group
Port Interface	
Ethernet Port	
	8*10/100BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI connection
RS232 Serial Console	
	1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1
Configuration Backup	
	1*USB 2.0
Protection	
Overload Current Protection	
	Present
Power Reverse Polarity	
	Present
CPU Watchdog	
	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) 1000BaseTX: UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)
Mechanical Characteristics	
LED Indicators	
	Per Unit: Power 1 & 2 (Green), Fault (Green/Red)
Housing	
	Metal, IP30 rated
Dimension	
	54 x 142 x 99 mm
Weight	
	Unit: 2.4 lbs Shipping: 2.9 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	
	15 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	
	EN61000-4-2,3,4,5,6,8 EN61000-6-2,4
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-0800** 8-Port Industrial Managed Ethernet Switch, with 8\*10/100Tx Ports

**LMX-0800-T** 8-Port Industrial Managed Ethernet Switch, with 8\*10/100Tx Ports; EOT: -40° to 75°C

### Optional Accessories

**MDR-60-24** 60W 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

**DIN-RACK-2U** DIN-Rail to 19" Rack Mount Adapter for all DIN-Rail Mountable Products, 2U Height