

ANT LMX-0802-M Series

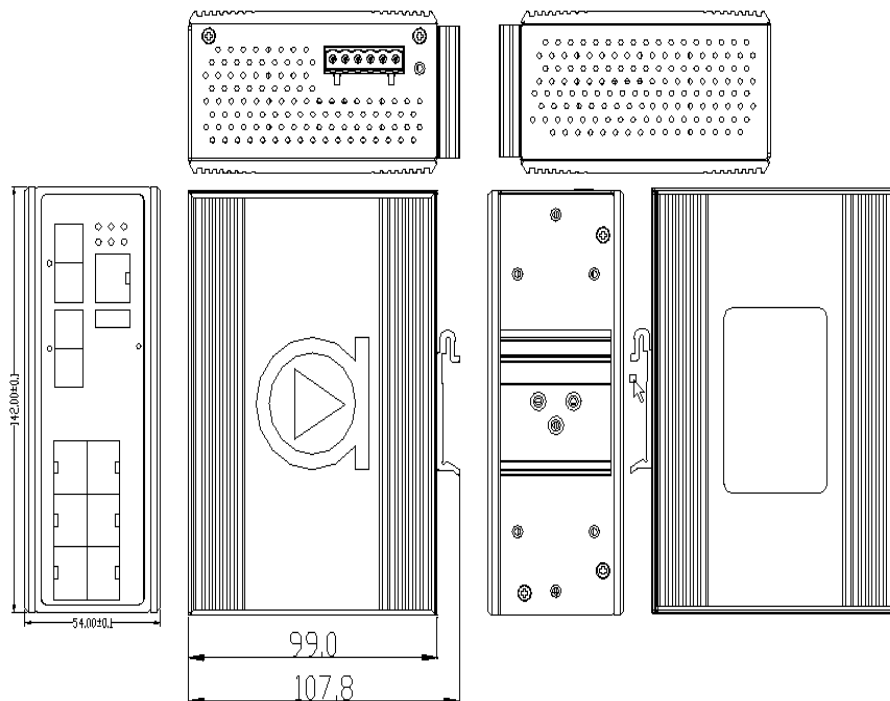
8-Port Industrial Managed Ethernet Switches, w/6*10/100Tx, 2*100Fx, 12~48VDC Power Input

Features

- Supports 6*10/100Tx and 2*100Fx (SC/ST Connectors in Multi or Single Mode Fiber)
- 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 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
- Port Lock Function for Unauthorized Access Based on MAC Address Blocking
- Auto Warning by Exception through E-mail, Relay Output
- Operating Temp –STD: -10~70°C, EOT: -40~75°C
- 5-Year Warranty



DIMENSIONS



ANT LMX-0802 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) 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
Standards	
	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	
Switch Properties	
Configuration	Web Console, Telnet, CLI
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	1 ~ 4094
IGMP Group	Up to 256 Groups
Port Interface	
Ethernet RJ45 Port	6*10/100BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI connection
Fiber Ports	2*100Fx SC or ST in Single or Multi-Mode
Wavelength	Dependent on Fiber type and Distance
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	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 Indicator	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°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)
Regulatory Approvals	
EMI	FCC Class A
EMS	IEC61000-4-2,3,4,5,6,8 IEC61000-6-2,4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL-61010-2-201(pendin
Warranty	3 Years

ORDERING INFO

LMX-0802-M	8-Port Industrial PoE+ Managed Ethernet Switch with 6*10/100Tx + 2*100Fx MM SC Fiber Ports
LMX-0802-M-T	8-Port Industrial PoE+ Managed Ethernet Switch with 6*10/100Tx + 2*100Fx MM SC Fiber Ports ; EOT: -40° to 75 °C
LMX-0802-ST-M	8-Port Industrial PoE+ Managed Ethernet Switch with 6*10/100Tx + 2*100Fx MM ST Fiber Ports
LMX-0802-ST-M-T	8-Port Industrial PoE+ Managed Ethernet Switch with 6*10/100Tx + 2*100Fx MM ST Fiber Ports ; EOT: -40° to 75 °C
LMX-0802-S3	8-Port Industrial PoE+ Managed Ethernet Switch with 6*10/100Tx + 2*100Fx SM SC Fiber Ports
LMX-0802-S3-T	8-Port Industrial PoE+ Managed Ethernet Switch with 6*10/100Tx + 2*100Fx SM SC Fiber Ports : EOT: -40° to 75 °C