# LMX-0802 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)</p>
- ► 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 Temp –STD: -10~70°C, EOT: -40~75°C
- 5-Year Warranty

#### INTRODUCTION

Antaira Technologies' LMX-0802 series is an 8-port industrial managed Ethernet switch that is embedded with 6\*10/100Tx Ethernet ports and 2\*100Fx fiber ports that support SC or ST connections in either Single or Multi-Mode fiber. The LMX-0802 series is a fully manageable Layer 2 Ethernet switch that is pre-loaded with a user-friendly web management console design. It supports the ring network redundancy function using the market's open standard ITU-T G.8032 ERPS (Ethernet Ring Protection Switch) protocol that has a <50ms network recovery time. The advanced network filtering and security functions, such as, IGMP, VLAN, QoS, SNMP, port lock, RMON, Modbus TCP, and 802.1X/HTTPS/SSH/SSL increase determinism and improve network management for remote SCADA systems or control networks.

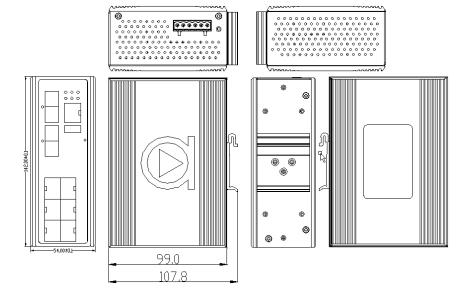
The LMX-0802 series is IP30 rated and DIN-rail mountable. There are also two wide operating temperature models for either a standard temperature range (STD: -10°C to 70°C) or an extended temperature range (EOT: -40°C to 75°C). It also provides high EFT and ESD protection for industrial networking applications, such as, power/utility, water wastewater, oil/gas/mining, factory automation, security surveillance within transportation, ITS and any other outdoor or harsh environment.

### **DIMENSIONS**



ADITECH ICT PVT. LTD. 803, sigma IT park, plat no 203/204 Rabale, TTC Industrial area, Thane-Belapur road, Rabale-400701 Tel:+91 9819884527

Email: sales@aditech.in Website: www.aditech.in





## **SPECIFICATIONS**

IEEE 802.3 10Tx Ethernet   IEEE 802.3 10Tx Fast Ethernet   IEEE 802.3 100Tx Fast Ethernet   IEEE 802.3 100Tx Fast Ethernet   IEEE 802.3 and for Port Trunk with LACP   IEEE 802.1 d STP (Spanning Tree   Protocol)   IEEE 802.1 w RSTP (Rapid Spanning Tree   Protocol)   IEEE 802.1 w RSTP (Rapid Spanning Tree   Protocol)   IEEE 802.1 w RSTP (Multiple Spanning Tree   Protocol)   ITU-T G.8032/Y.1344 ERPS (Ethernet Ring Protection Switch) Protocol   IEEE 802.1 Q for VLAN Tagging   IEEE 802.1 Q for VLAN Tagging   IEEE 802.1 Q for VLAN Tagging   IEEE 802.1 p Qos/Cos Protocol for Traffic   Prioritization   IGMPV1/V2, SNMPv1/V2c/V3, TFTP, SNTP, SMTP, RMON, HTTP, HTTPS, Telnet, Syslog, DHCP Option 66/67/82, SSH/SSL, Modbus/TCP, LLDP, IPV4/IPV6   Switch Properties   Configuration   Web Console, Telnet, CLI   Processing Type   Store and Forward   IEEE 802.3 x for full duplex mode, back pressure for half duplex mode   t4,880pps for 10Base-T Ethernet   148,800pps for 10Base-T Fast Ethernet   148,800pps for 10Base-T Fast Ethernet   148,800pps for 10Base-T Fast Ethernet   4 Mbits   Jumbo Frame   -	Technology	
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 802.1c for VLAN Tagging   IEEE 802.1c for Network Authentication   IEEE 802.3c for Iule   IEEE 802.3c for Iule   IEEE 802.3c for Iule		IEEE 802.3 10Tx Ethernet
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   IGMPV1/V2, SNMPV1/V2c/V3, TFTP, SNTP, SMTP, RMON, HTTP, HTTPS, Telnet, Syslog, DHCP Option 66/67/82, SSH/SSL, Modbus/TCP, LLDP, IPV4/IPV6      Switch Properties   Configuration   Web Console, Telnet, CLI   Processing Type   Store and Forward   IEEE 802.3x for full duplex mode, back pressure for half duplex mode   14,880pps for 10Base-T Ethernet   148,800pps for 10Base-T Fast Ethernet   148,800pps for 100Base-T Fast Ethernet   148,800p	Standards	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
Prioritization  IGMPv1/v2, SNMPv1/v2c/v3, TFTP, SNTP, SMTP, RMON, HTTP, HTTPS, Telnet, Syslog, DHCP Option 66/67/82, SSH/SSL, Modbus/TCP, LLDP, IPv4/IPv6  Switch Properties  Configuration Web Console, Telnet, CLI Processing Type Store and Forward  IEEE 802.3x for full duplex mode, back pressure for half duplex mode  14,880pps for 10Base-T Ethernet 148,800pps for 10Base-T Fast Ethernet 148,800pps for 100Base-T Fast Ethernet  Packet Buffer Jumbo Frame MAC Table Size 8K  VLAN Group 1 ~ 4094 IGMP Group Port Interface  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 1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1	Stanuarus	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
Protocol  IGMPv1/v2, SNMPv1/v2c/v3, TFTP, SNTP, SMTP, RMON, HTTP, HTTPS, Telnet, Syslog, DHCP Option 66/67/82, SSH/SSL, Modbus/TCP, LLDP, IPv4/IPv6  Switch Properties  Configuration Web Console, Telnet, CLI Processing Type Store and Forward  IEEE 802.3x for full duplex mode, back pressure for half duplex mode  14,880pps for 10Base-T Ethernet 148,800pps for 10Base-T Fast Ethernet 148,800pps for 10Base-T Fast Ethernet  Packet Buffer Jumbo Frame AMC Table Size 8K  VLAN Group 1 ~ 4094 IGMP Group Up to 256 Groups  Port Interface  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 1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1		
Protocol  SNTP, SMTP, RMON, HTTP, HTTPS, Telnet, Syslog, DHCP Option 66/67/82, SSH/SSL, Modbus/TCP, LLDP, IPv4/IPv6  Switch Properties  Configuration  Web Console, Telnet, CLI  Processing Type  Store and Forward  IEEE 802.3x for full duplex mode, back pressure for half duplex mode  14,880pps for 10Base-T Ethernet 148,800pps for 10Base-T Fast Ethernet 148,800pps for 10Base-T Fast Ethernet  Packet Buffer  Jumbo Frame  MAC Table Size  8K  VLAN Group  IGMP Group  Port Interface  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  1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1	Protocol	
Switch PropertiesConfigurationWeb Console, Telnet, CLIProcessing TypeStore and ForwardFlow ControlIEEE 802.3x for full duplex mode, back pressure for half duplex modeTransfer Rate14,880pps for 10Base-T EthernetPacket Buffer4 MbitsJumbo Frame-MAC Table Size8KVLAN Group1 ~ 4094IGMP GroupUp to 256 GroupsPort Interface6*10/100BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI connectionEthernet RJ45 Port2*100Fx SC or ST in Single or Multi-ModeWavelengthDependent on Fiber type and DistanceRS232 Serial Console1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1		SNTP, SMTP, RMON, HTTP, HTTPS, Telnet, Syslog, DHCP Option 66/67/82,
ConfigurationWeb Console, Telnet, CLIProcessing TypeStore and ForwardFlow ControlIEEE 802.3x for full duplex mode, back pressure for half duplex modeTransfer Rate14,880pps for 10Base-T Ethernet 148,800pps for 100Base-T Fast EthernetPacket Buffer4 MbitsJumbo Frame-MAC Table Size8KVLAN Group1 ~ 4094IGMP GroupUp to 256 GroupsPort Interface6*10/100BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI connectionFiber Ports2*100Fx SC or ST in Single or Multi-ModeWavelengthDependent on Fiber type and DistanceRS232 Serial Console1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1	Switch Properties	
Processing Type  Store and Forward  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 148,800pps for 100Base-T Fast Ethernet  Packet Buffer 4 Mbits  Jumbo Frame - MAC Table Size 8K  VLAN Group 1 ~ 4094 IGMP Group Port Interface  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  1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1		Web Console, Telnet, CLI
Transfer Rate  14,880pps for 10Base-T Ethernet 148,800pps for 100Base-T Fast Ethernet 158,800pps	Processing Type	Store and Forward
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  1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1	Flow Control	
Jumbo Frame  MAC Table Size  VLAN Group  IGMP Group  Port Interface  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  1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1	Transfer Rate	
MAC Table Size  VLAN Group  IGMP Group  Port Interface  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  1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1	Packet Buffer	4 Mbits
VLAN Group IGMP Group Up to 256 Groups  Port Interface 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 1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1		-
IGMP Group Port Interface  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 1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1		<del></del>
Port Interface 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 1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1		
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  1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1		Up to 256 Groups
Fiber Ports 2*100Fx SC or ST in Single or Multi-Mode Wavelength Dependent on Fiber type and Distance  1*RS232 Serial Console 1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1	Port Interface	
Wavelength Dependent on Fiber type and Distance  RS232 Serial Console  1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1		Full/Half duplex mode, and auto MDI connection
RS232 Serial Console  1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1		
cable, 115.2Kbps, 8,N,1	Wavelength	
Configuration Backup 1*USB 2.0		cable, 115.2Kbps, 8,N,1
	Configuration Backup	1*USB 2.0

Overload Current         Present           Power Reverse Polarity         Present           CPU Watchdog         Present           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         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           Input Voltage         12~48VDC Redundant Input           Power Connection         1 removable 6-contact terminal block           Power Consumption         15 Watts           Environmental Limits         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           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 Complian	Protection	
Network Cable	Overload Current	Present
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 cable. EIA/TIA-568 100-ohm (100m) 1000BaseTX: UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)    Mechanical Characteristics	Power Reverse Polarity	Present
Network Cable  Network Cable  Network Cable  Network Cable  Nechanical Characteristics  LED Indicator  Housing  Dimension  Weight  Unit: 2.4 lbs.; Shipping: 2.9 lbs.  Mounting  Power Requirement Input Voltage  Power Consumption  Environmental Limits  Operating Temperature  Ambient Relative Humidity  Regulatory Approvals  EMI  Free Fall  Shock  LED Indicator  S4 x 142 x 99 mm  Metal IP30 rated  Dint: 2.4 lbs.; Shipping: 2.9 lbs.  DIN-Rail; Wall-Mount (optional)  Power Requirement  1 removable 6-contact terminal block  STD: -10 to 70°C  EOT: -40 to 75°C  Storage Temperature  -40°C ~ 85°C  Ambient Relative Humidity  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  IEC60068-2-7  Vibration  IEC60068-2-6  Green  RoHS Compliant  FCC, CE,  UL 61010-1, UL 61010-2-201	CPU Watchdog	
LED IndicatorPer Unit: Power 1 & 2 (Green), Fault (Green/Red)HousingMetal IP30 ratedDimension54 x 142 x 99 mmWeightUnit: 2.4 lbs.; Shipping: 2.9 lbs.MountingDIN-Rail; Wall-Mount (optional)Power Requirement12~48VDC Redundant InputInput Voltage12~48VDC Redundant InputPower Connection1 removable 6-contact terminal blockPower Consumption15 WattsEnvironmental LimitsOperating TemperatureSTD: -10 to 70°C EOT: -40 to 75°CStorage Temperature-40°C ~ 85°CAmbient Relative Humidity5 to 95%, (non-condensing)Regulatory ApprovalsFCC Class AEMIFCC Class AEMSIEC61000-4-2,3,4,5,6,8 IEC61000-6-2,4Free FallIEC60068-2-32ShockIEC60068-2-27VibrationIEC60068-2-27VibrationIEC60068-2-6GreenRoHS CompliantFCC, CE, UL 61010-1, UL 61010-2-201		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)
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  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  FCC, CE, UL 61010-1, UL 61010-2-201	Mechanical Characteristics	
Dimension54 x 142 x 99 mmWeightUnit: 2.4 lbs.; Shipping: 2.9 lbs.MountingDIN-Rail; Wall-Mount (optional)Power Requirement12~48VDC Redundant InputInput Voltage12~48VDC Redundant InputPower Connection1 removable 6-contact terminal blockPower Consumption15 WattsEnvironmental LimitsSTD: -10 to 70°C EOT: -40 to 75°CStorage Temperature-40°C ~ 85°CAmbient Relative Humidity5 to 95%, (non-condensing)Regulatory ApprovalsFCC Class AEMIFCC Class AEMSIEC61000-4-2,3,4,5,6,8 IEC61000-6-2,4Free FallIEC60068-2-32ShockIEC60068-2-27VibrationIEC60068-2-6GreenRoHS CompliantFCC, CE, UL 61010-1, UL 61010-2-201	LED Indicator	Fault (Green/Red)
WeightUnit: 2.4 lbs.; Shipping: 2.9 lbs.MountingDIN-Rail; Wall-Mount (optional)Power Requirement12~48VDC Redundant InputInput Voltage12~48VDC Redundant InputPower Connection1 removable 6-contact terminal blockPower Consumption15 WattsEnvironmental LimitsSTD: -10 to 70°C EOT: -40 to 75°CStorage Temperature-40°C ~ 85°CAmbient Relative Humidity5 to 95%, (non-condensing)Regulatory ApprovalsFCC Class AEMSIEC61000-4-2,3,4,5,6,8 IEC61000-6-2,4Free FallIEC60068-2-32ShockIEC60068-2-27VibrationIEC60068-2-6GreenRoHS CompliantFCC, CE, UL 61010-1, UL 61010-2-201		
MountingDIN-Rail; Wall-Mount (optional)Power Requirement12~48VDC Redundant InputInput Voltage12~48VDC Redundant InputPower Connection1 removable 6-contact terminal blockPower Consumption15 WattsEnvironmental LimitsSTD: -10 to 70°C EOT: -40 to 75°CStorage Temperature-40°C ~ 85°CAmbient Relative Humidity5 to 95%, (non-condensing)Regulatory ApprovalsFCC Class AEMIFCC Class AEMSIEC61000-4-2,3,4,5,6,8 IEC61000-6-2,4Free FallIEC60068-2-32ShockIEC60068-2-27VibrationIEC60068-2-6GreenRoHS CompliantCertificationsFCC, CE, UL 61010-1, UL 61010-2-201		
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 IEC61000-6-2,4 Free Fall IEC60068-2-32 Shock IEC60068-2-27 Vibration IEC60068-2-6 Green RoHS Compliant  FCC, CE, UL 61010-1, UL 61010-2-201		
Input Voltage		DIN-Rail; Wall-Mount (optional)
Power Connection         1 removable 6-contact terminal block           Power Consumption         15 Watts           Environmental Limits         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           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           FCC, CE, UL 61010-1, UL 61010-2-201	Power Requirement	
Power Connection         block           Power Consumption         15 Watts           Environmental Limits         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         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           FCC, CE, UL 61010-1, UL 61010-2-201	Input Voltage	12~48VDC Redundant Input
Environmental Limits           Operating Temperature         STD: -10 to 70°C           EOT: -40 to 75°C         EOT: -40 to 75°C           Storage Temperature         -40°C ~ 85°C           Ambient Relative Humidity         5 to 95%, (non-condensing)           Regulatory Approvals         FCC Class A           EMS         IEC61000-4-2,3,4,5,6,8           IEC61000-6-2,4         IEC600068-2-32           Shock         IEC60068-2-27           Vibration         IEC60068-2-6           Green         RoHS Compliant           FCC, CE, UL 61010-1, UL 61010-2-201	Power Connection	
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         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 61010-1, UL 61010-2-201	Power Consumption	15 Watts
Operating Temperature         EOT: -40 to 75°C           Storage Temperature         -40°C ~ 85°C           Ambient Relative Humidity         5 to 95%, (non-condensing)           Regulatory Approvals         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 61010-1, UL 61010-2-201	Environmental Limits	
Ambient Relative Humidity         5 to 95%, (non-condensing)           Regulatory Approvals         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 61010-1, UL 61010-2-201	Operating Temperature	EOT: -40 to 75°C
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 61010-1, UL 61010-2-201		
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 61010-1, UL 61010-2-201	-	5 to 95%, (non-condensing)
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     FCC, CE, UL 61010-1, UL 61010-2-201	9 9 11	
IEC61000-6-2,4     Free Fall	EMI	
Shock         IEC60068-2-27           Vibration         IEC60068-2-6           Green         RoHS Compliant           Certifications         FCC, CE, UL 61010-1, UL 61010-2-201		IEC61000-6-2,4
Vibration         IEC60068-2-6           Green         RoHS Compliant           Certifications         FCC, CE, UL 61010-1, UL 61010-2-201		
Green         RoHS Compliant           Certifications         FCC, CE, UL 61010-1, UL 61010-2-201		
Certifications         FCC, CE, UL 61010-1, UL 61010-2-201		
UL 61010-1, UL 61010-2-201	Green	
Warranty 5 Years	Certifications	UL 61010-1, UL 61010-2-201
	Warranty	5 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	
LMX-0802-ST-S3	8-Port Industrial PoE+ Managed Ethernet Switch with 6*10/100Tx + 2*100Fx SM ST Fiber Ports	
LMX-0802-ST-S3-T	8-Port Industrial PoE+ Managed Ethernet Switch with 6*10/100Tx + 2*100Fx SM ST Fiber Ports ; EOT: -40° to 75°C	
<b>Optional Accessorie</b>		
DR-75-48	75W Industrial Din Rail Power Supply (48VDC)	
DR-120-48	120W Industrial Din Rail Power Supply (48VDC)	
SDR-240-48	240W Industrial Din Rail Power Supply (48VDC)	
SFP-M-T	1 Gigabit Fiber SFP Transceiver, Multi-Mode 550M / LC / 850nm, -40°C~85°C	
SFP-S10-T	1 Gigabit Fiber SFP Transceiver, Single Mode 10KM / LC / 1310nm, -40°C~85°C	
DIN-RACK-2U	Din-Rail to 19" Rack Mount Adapter for all Din-Rail Mountable Products. 2U Height	



**Authorised Distributor** 

ADITECH ICT PVT. LTD.

803,sigma IT park, plat no 203/204 Rabale, TTC Industrial area, Thane-Belapur road, Rabale-400701 Tel:+91 9819884527 Email: sales@aditech.in Website: www.aditech.in