

# LMX-0601G-SFP Series

6-Port Industrial Gigabit Managed Ethernet Switch, with 5\*10/100/1000Tx and 1\*100/1000 SFP Slot, 12~48VDC Power Input



## Features

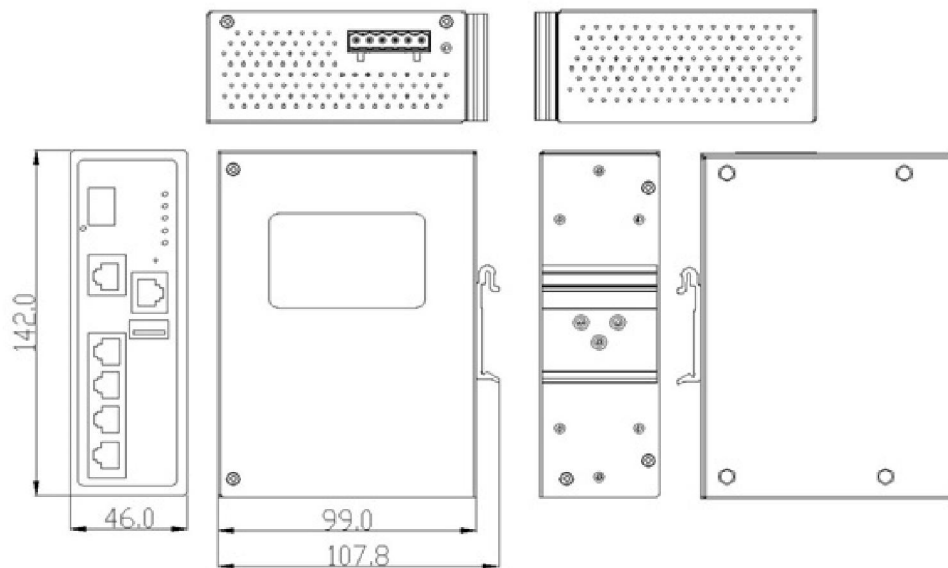
- ▶ Supports 5\*10/100/1000Tx Fast Ethernet Ports and 1\*100/1000 SFP Slot
- ▶ Network Redundancy Support: RSTP/MSTP, and G.8032 ERPS (Recovery Time <50ms)
- ▶ Configuration: Web Console, Telnet, CLI Command
- ▶ Supports IGMP v1/v2, up to 256 Groups
- ▶ Supports QoS (IEEE802.1p) and CoS/ToS
- ▶ Supports IEEE802.1Q 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's **LMX-0601G-SFP series** is a 6-port industrial managed Ethernet switch that is embedded with five gigabit Ethernet ports and one dual rate (100/1000) SFP slots for fiber connection. This series is a fully 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-0601G-SFP series is IP30 rated, DIN-rail mountable, and has 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 any industrial networking application within factory automation, ITS, power/utility, water wastewater, and any other outdoor or harsh environment.

## DIMENSIONS



## SPECIFICATIONS

<b>Technology</b>	
	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet IEEE 802.3ab 1000BaseT IEEE 802.3z 1000Base-X IEEE 802.3x Flow Control for Full Duplex IEEE 802.1d STP (Spanning Tree Protocol) IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)
<b>Standards</b>	
	IEEE 802.1s MSTP (Multiple Spanning Tree Protocol) ITU-TG.8032 / Y.1344 ERPS (Ethernet Ring Protection Switch) IEEE 802.1q Virtual LANs (VLAN) IEEE 802.1x Network Authentication IEEE 802.1ad Stacked VLAN, Q-in-Q IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization
<b>Switch Properties</b>	
<b>Protocol</b>	CSMA/CD, IGMPv1/v2, SNMPv1/v2, TFTP, SNTP, SMTP, RARP, Syslog
<b>Configuration</b>	Web Console, Telnet, CLI
<b>Transfer Rate</b>	14,880pps for 10Base-T Ethernet port 148,880pps for 100Base-T Fast Ethernet port 1,488,000pps for Gigabit Ethernet Port
<b>Packet Buffer</b>	1 Mbits
<b>MAC Table</b>	8K
<b>Jumbo Frame</b>	9.6K
<b>Flow Control</b>	IEEE 802.3x for full duplex mode, back pressure for half duplex mode
<b>VLAN Group</b>	0 ~ 4094
<b>IGMP Group</b>	Up to 256 Group
<b>Port Interface</b>	
<b>Ethernet Port</b>	5*10/100/1000BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
<b>Fiber Port</b>	1*100/1000 SFP Slot
<b>Fiber Wavelength</b>	Refer to SFP Modules
<b>RS232 Serial Console</b>	1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1
<b>Configuration Backup</b>	1*USB 2.0

<b>Protection</b>	
<b>Overload Current Protection</b>	Present
<b>Power Reverse Polarity</b>	Present
<b>CPU Watchdog</b>	Present
<b>Network Cable</b>	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)
<b>Mechanical Characteristics</b>	
<b>LED Indicators</b>	Per Unit: Power 1 & 2 (Green), Fault (Red)
<b>Housing</b>	Metal, IP30 rated
<b>Dimension</b>	46 x 142 x 99 mm
<b>Weight</b>	Unit: 1.5 lbs Shipping: 2.3 lbs
<b>Mounting</b>	DIN-Rail; Wall-mount (optional)
<b>Power Requirement</b>	
<b>Input Voltage</b>	12~48VDC Redundant Input
<b>Power Connection</b>	1 removable 6-contact terminal block
<b>Power Consumption</b>	10 Watts
<b>Environmental Limits</b>	
<b>Operating Temperature</b>	STD: -10° to 70°C EOT: -40° to 75°C
<b>Storage Temperature</b>	-40°~85°C
<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>Regulatory Approvals</b>	
<b>EMI</b>	FCC Class A
<b>EMS</b>	EN61000-4-2,3,4,5,6,8 EN61000-6-2,4
<b>Free Fall Shock</b>	IEC60068-2-32 IEC60068-2-27
<b>Vibration</b>	IEC60068-2-6
<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-0601G-SFP</b>	6-Port Industrial Gigabit Managed Ethernet Switch with 5*10/100/1000Tx and 1*100/1000 SFP Slot
<b>LMX-0601G-SFP-T</b>	6-Port Industrial Gigabit Managed Ethernet Switch with 5*10/100/1000Tx and 1*100/1000 SFP Slot; EOT: -40° to 75°C

### Optional Accessories

<b>MDR-10-12</b>	10W Industrial Din Rail Power Supply, 12VDC
<b>MDR-20-24</b>	20W Industrial Din Rail Power Supply, 24VDC
<b>MDR-40-48</b>	40W Industrial Din Rail Power Supply, 48VDC
<b>MDR-60-48</b>	60W Industrial Din Rail Power Supply, 48VDC