

LMP-0600 Series

6-Port Industrial PoE+ Managed Ethernet Switch, with 4*10/100Tx (30W/Port) and 2*10/100Tx; 48~55VDC Power Input



Features

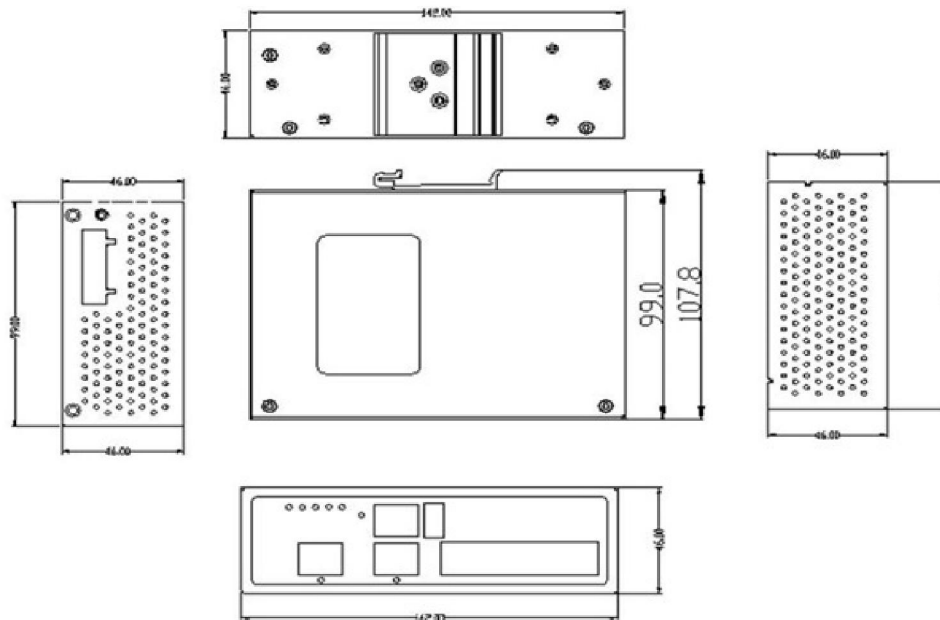
- ▶ Supports 4*10/100Tx IEEE 802.3at/af Compliant with 30W/Port and 2*10/100Tx Fast Ethernet Ports
- ▶ Network Redundancy Support: RSTP/MSTP, and G.8032 ERPS (Recovery Time <50ms)
- ▶ Configuration: Web Console, Telnet, CLI Command
- ▶ Supports IGMP v1/v2, up to 256 Groups
- ▶ Supports QoS (IEEE802.1p) and CoS/ToS
- ▶ Supports IEEE802.1Q VLAN, SNMP v1/v2c
- ▶ PoE Ping Alarm Function for PoE Ports Power Recycle
- ▶ System Warning Setting for Automatic Warning through E-Mail
- ▶ Redundant Power Input Design: 48~55VDC
- ▶ 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 Technologies' LMP-0600 series is a 6-port industrial PoE+ managed Ethernet switch that is IEEE 802.3at compliant and is embedded with 4*10/100Tx Ethernet ports that support IEEE802.3at/af for a maximum of 30 watts per port, and 2*10/100Tx Fast Ethernet ports.

LMP-0600 series is a fully manageable industrial Ethernet switch that supports the standard Layer 2 Ethernet configurable settings with a pre-loaded web console. This product series is IP30 rated and DIN-rail mountable and provides operating temperature range models in STD: -10°C to 70°C and EOT: -40°C to 75°C. It also provides a 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

Technology	
	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet IEEE 802.3x Flow Control for Full Duplex IEEE 802.3at/af PoE (Power-over-Ethernet) IEEE 802.1d STP (Spanning Tree Protocol) IEEE 802.1w RSTP (Rapid Spanning Tree Protocol) 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
Standards	
Switch Properties	
Protocol	CSMA/CD, IGMPv1/v2, SNMPv1/v2, TFTP, SNMP, SMTP, RARP, Syslog
Data Process Configuration	Store and Forward Web Console, Telnet, CLI
Transfer Rate	14,880pps for 10Base-T Ethernet port 148,880pps for 100Base-T Fast Ethernet port
Packet Buffer	1 Mbits
MAC Table	8K
Jumbo Frame	-
Flow Control	IEEE 802.3x for full duplex mode, back pressure for half duplex mode
VLAN Group	0 ~ 4094
IGMP Group	Up to 256 Group
Port Interface	
Ethernet Port	6*10/100Tx (4*PSE 30W/Port) auto negotiation speed, Full/Half duplex mode, and auto MDI connection
PoE Port Pin Assignment	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI Alternative A)
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)
Mechanical Characteristics	
LED Indicators	Per Unit: Power 1 & 2 (Green), Fault (Red)
Housing	Metal, IP30 rated
Dimension	46 x 142 x 99 mm
Weight	Unit: 1.5 lbs Shipping: 2.2 lbs
Mounting	DIN-Rail; Wall-mount (optional)
Power Requirement	
Input Voltage	12~48VDC Redundant Input
Power Connection	1 removable 6-contact terminal block
PoE Power Output	25W @ 48VDC (per PoE port); 30W @ 51~55VDC (per PoE port)
Power Consumption	10 Watts (no PD included); 130 Watts (Fully loaded)
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 EN61000-4-2,3,4,5,6,8
EMS	EN61000-6-2,4
Free Fall Shock	IEC60068-2-32 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

LMP-0600	6-Port Industrial PoE+ Managed Ethernet Switch, with 4*10/100Tx (30W/Port) and 2*10/100Tx; 48~55VDC Power Input
LMP-0600-T	6-Port Industrial PoE+ Managed Ethernet Switch, with 4*10/100Tx (30W/Port) and 2*10/100Tx; 48~55VDC Power Input; EOT: -40° to 75°C

Optional Accessories	
MDR-40-48	40W Industrial DIN-Rail Power Supply, 48VDC
MDR-60-48	60W Industrial DIN-Rail Power Supply, 48VDC
DR-75-48	75W Industrial DIN-Rail Power Supply, 48VDC
MDR-100-48	100W 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