

LA-IS7M2-G0808

8*1000Base-X, 8*10/100/1000Base-T Managed Industrial Ethernet Switch (PoE Optional)

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LA-XXX/LAM-XXX Series

For LA-XXX Series

For LA-XXX Series



Introduction

This device is 8 Gigabit & 8 10/100/1000 Base-T managed industrial Ethernet fast switch, providing high resistance through fanless cooling circuit design, wide range of working environment temperature, high protection level and other technologies. /Excellent industrial quality such as low temperature and lightning protection; and integrated protocols such as exchange and security, and support for public Ethernet multi-ring protection technology (ERPS), which greatly enhances network flexibility and enhances industrial networks. Reliability and security.

It can better meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.

Features

- **Input Voltage:** DC12~58V
- **Shell:** IP40 protection, fanless design
- **Anti-static:** 8KV-15KV
- **Operating Temperature:** -30°C ~ +75°C
- **Test Report:** CCC, RoHS, FC, CE, ISO
- **MTBF:** 100000 Hours

Specification

PART NO	LA-IS7M2-G0808
Provider Mode Ports	
Fixed Port	8*1000 Base-X, 8*10/100/1000 Base-T
Management Port	Phoenix terminal, RS232 (Console)
Power Interface	Phoenix terminal, DC dual power supply and AC single power supply three power supply redundancy
LED Indicators	PWR, Link/ACT LED, NMC, ALM
Dialing Instructions	
1 C/D	Console/data selection
2 LGY	Standard/non-standard PoE selection
3 VLAN	Port isolation
4 RST	Reset
Cable Type & Transmission Distance	
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode Optical Fiber	20/40/60/80/100KM
Multimode Optical Fiber	550m
Network Topology	
Ring Topology	Support
Star Topology	Support
Bus Topology	Support
Tree Topology	Support
Hybrid Topology	Support
Electrical Specifications	
Input Voltage	DC 12-58V / AC 85-264V
Total Power Consumption	Non PoE <15W, PoE <255W(DC powered only)
Voltage Alarm	Support
PoE (Support Optional)	
PoE Port	1-8
PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2,3,6
PoE Mode	Standard & non-standard support
PoE Management	Unsupported
Remote PD Reset	Support
Layer 2 Switching	
Switching Capacity	54G
Packet Forwarding Rate	23.8 Mpps

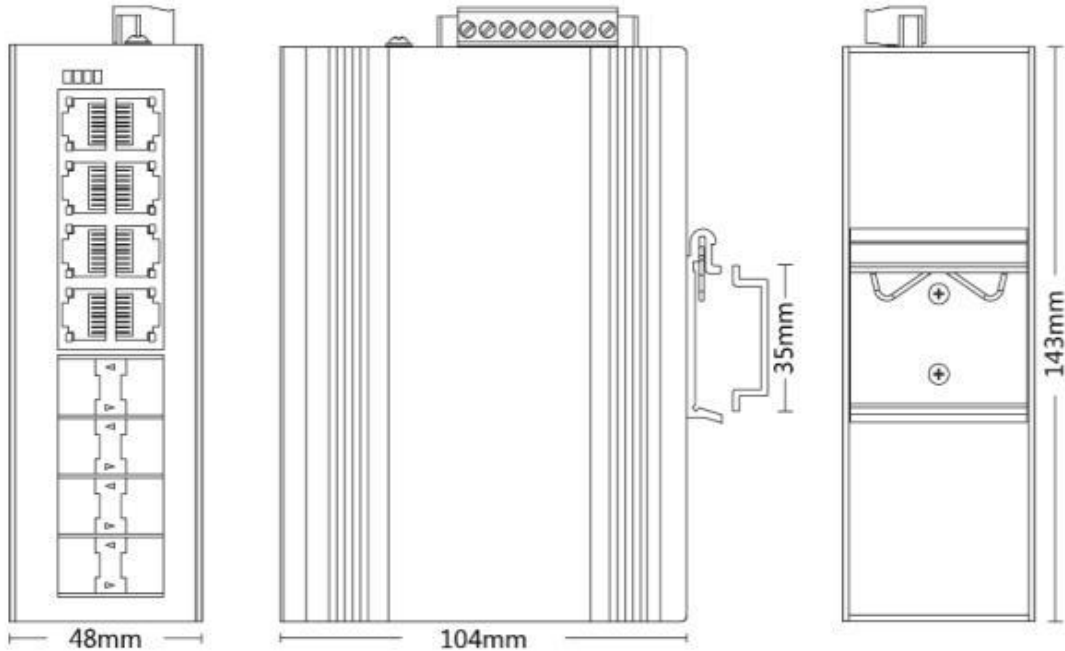
MAC Address Table	8K
VLAN	Support 4K
Buffer	8M
Forwarding Delay	<10us
MDX/MIDX	Support
Flow Control	Support
Jumbo Frame	9.6Kbytes
Spanning Tree	Support STP/RSTP/MSTP
Ring Protocol	Support ERPS
Link Aggregation	Support 8 group
Linear Protection Of Ethernet	Support ELPS
Port Isolation	Support
Management	
CLI	Support
Management IP	Support static IPV4, DHCP IPV4
Console	Support
Telnet	Support
WEB	Support
SNMP	Support SNMPv1/v2c/v3
User Management	Support
System Log	Support
Configuration File Download/Upload	Support
Upgrade Firmware	Support
Environment	
Operating Temperature	-35℃~+70℃
Storage Temperature	-35℃~+85℃
Relative Humidity	5%~95% (non-condensing)
Thermal Methods	Fanless, natural cooling
MTBF	100,000 hours
Mechanical Dimensions	
Product Size	143X104X48mm (W×H×D)
Installation Method	DIN-rail
Weight	0.7KG around
EMC & Ingress Protection	
IP Level	IP40
Surge Protection of Power	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
Surge Protection of Ethernet Port	IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us)
ESD	IEC 61000-4-2 Level 4 (8K/15K)

Authentication

Authentication

CCC/CE/FCC/RoHS

■ Dimensions

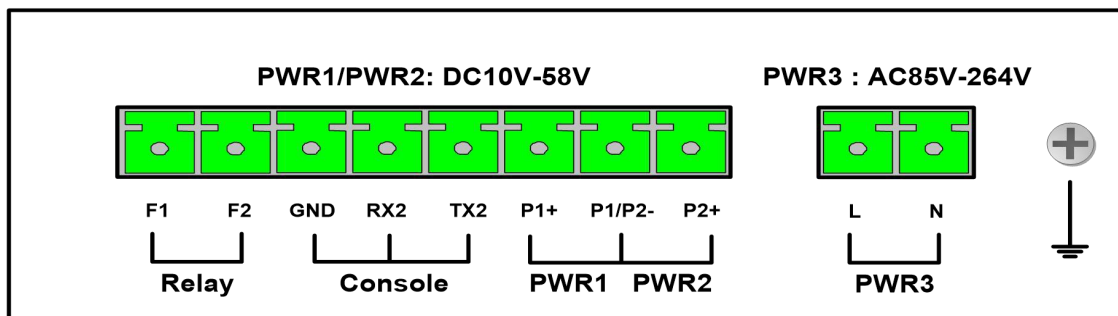



Front view

Side view

Back view

■ Terminal Definition



Relay		Console		PWR1/PWR2 (DC)		PWR3 (AC)		 Ground terminal
F1	Relay pin	GND	Ground	P1+	P1 positive electrode	L	Fire line	
F2	Relay pin	RX2	Receive data	P1/P2-	P1/P2 negative electrode	N	Neutral line	
		TX2	Send data	P2+	P2 positive electrode			

■ Ordering Information

PART NO	DESCRIPTION
LA-IS7M2-G0808	8*1000Mbps SFP Port, 8*10/100/1000M RJ45 Port (PoE is optional)

■ Accessories

PART NO	DESCRIPTION
LA-IS7M2-G0808	device, terminals, specification, certificate adapter(optional)