

LA-IS7M2-G0101

1*1000Base-X, 1*10/100/1000Base-T Managed Industrial Ethernet Switch (PoE Optional)

Highlight Information ▶▶▶▶

LA-XXX/LAM-XXX Series

For LA-XXX Series

For LA-XXX Series



Introduction

This device is a Gigabit light & 1 10/100/1000 Base-T managed industrial Ethernet fast switch, providing high resistance by 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 a variety of rich protocols such as integrated switching and security, which enhance the reliability and safety of industrial networks.

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

Features

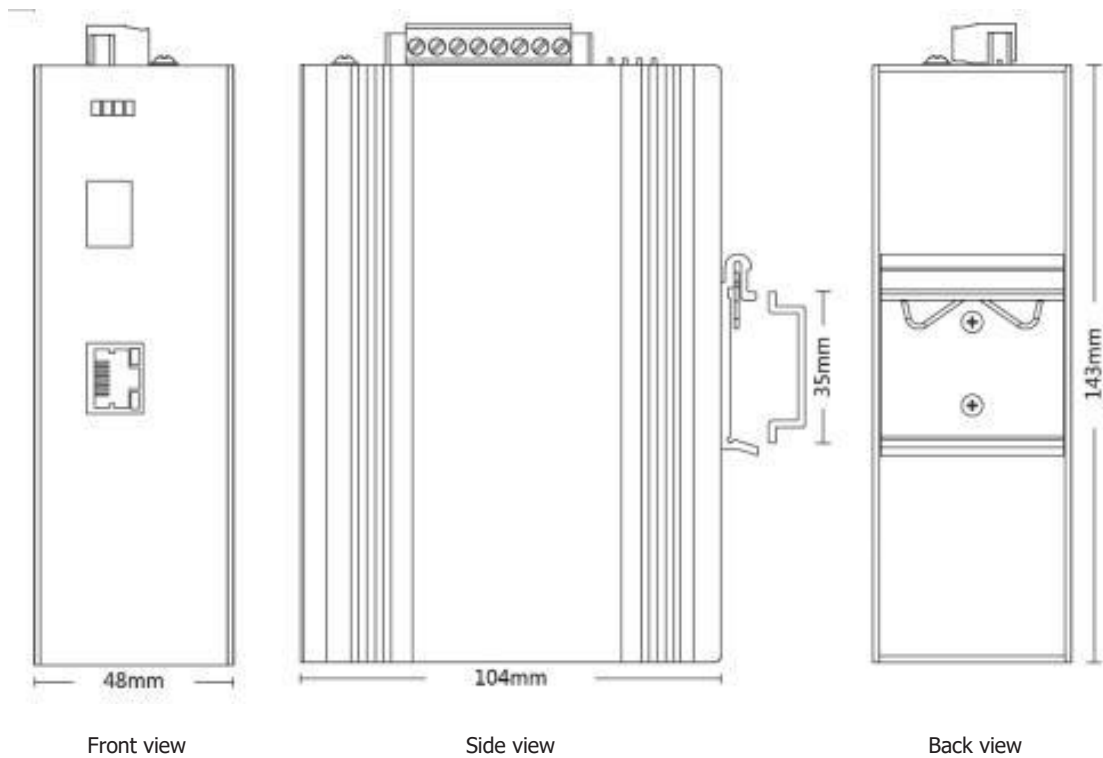
- **Input Voltage:** DC12~58V
- **Shell:** IP40 protection, fanless design
- **Anti-static:** 8KV-15KV
- **Operating Temperature:** -40°C ~ +75°C
- **Test Report:** CCC, RoHS, FC, CE, ISO
- **MTBF:** 100000 Hours

Specification

PART NO	LA-IS7M2-G0101
Provider Mode Ports	
Fixed Port	1*1000 Base-X, 1*10/100/1000 Base-T
Management Port	Support console
Power Interface	Phoenix terminal, redundant dual
LED Indicators	PWR, Link/ACT LED
Reset	Dial reset
Dialing Instructions	
1 C/D	Reserved
2 LGY	Standard/non-standard PoE selection
3 VLAN	Reserved
4 RST	Reset & restore factory
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	Unsupported
Star Topology	Support
Bus Topology	Support
Tree Topology	Support
Hybrid Topology	Support
Electrical Specifications	
Input Voltage	DC12-58V
Total Power Consumption	<6W
Voltage Alarm	Support
PoE (Support Optional)	
PoE Port	1-4
PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2,3,6
PoE Management	Support
Layer 2 Switching	
Switching Capacity	14G
Packet Forwarding Rate	10.416Mpps
MAC Address Table	8K
VLAN	Support 64K

Buffer	1M
Forwarding Delay	<5us
MDX/MIDX	Support
Flow Control	Support
Jumbo Frame	10Kbytes
Interface Counters	Support
WatchDog	Support
LFP	Support
Management	
Console	Support
Telnet	Unsupported
WEB	Support
SNMP	Support
SSH	Unsupported
Environment	
Operating Temperature	-40℃~+75℃
Storage Temperature	-40℃~+75℃
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	0.6KG 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)
RS	IEC 61000-4-3 Level 3 (10V/m)
EFI	IEC 61000-4-4 Level 3 (1V/2V)
CS	IEC 61000-4-6 Level 3 (10V/m)
PFMF	IEC 61000-4-8 Level4 (30A/m)
DIP	IEC 61000-4-11 Level3 (10V)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free Fall	0.5m
Authentication	
Authentication	CCC/CE/FCC/RoHS

■ Dimensions



■ Ordering Information

PART NO	DESCRIPTION
LA-IS7M2-G0101	1*1000Mbps SFP Port, 1*10/100/1000M RJ45 Port
LA-IS7M2-G0101-SC	1*1000Mbps SC Port, 1*10/100/1000M RJ45 Port
LA-IS7M2-G0101-FC	1*1000Mbps FC Port, 1*10/100/1000M RJ45 Port
LA-IS7M2-G0101-ST	1*1000Mbps ST Port, 1*10/100/1000M RJ45 Port

■ Accessories

PART NO	DESCRIPTION
LA-IS7M2-G0101	device, terminals, specification, certificate adapter(optional)