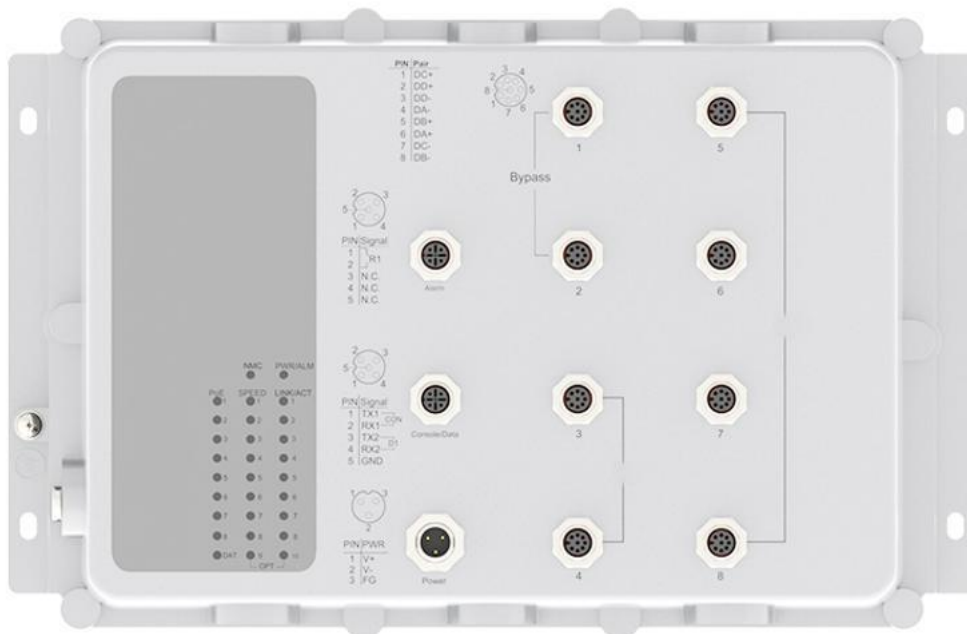


LA-ISW-G0008-M12

8Port 10/100/1000Base-T Industrial Ethernet Switch, Waterproof IP67



Introduction

LA-ISW-G0008-M12 is an Industrial Switch IP67 Waterproof and Anti-vibration with M12. It is Designed for Marine, Railway, Bus, IIOT, Automation & ITS Application. This is a 8*10/100/1000Base-T Industrial Ethernet Switch. Through the fan-less heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent industrial quality with high/low temperature resistance and lightning protection, and enhances 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

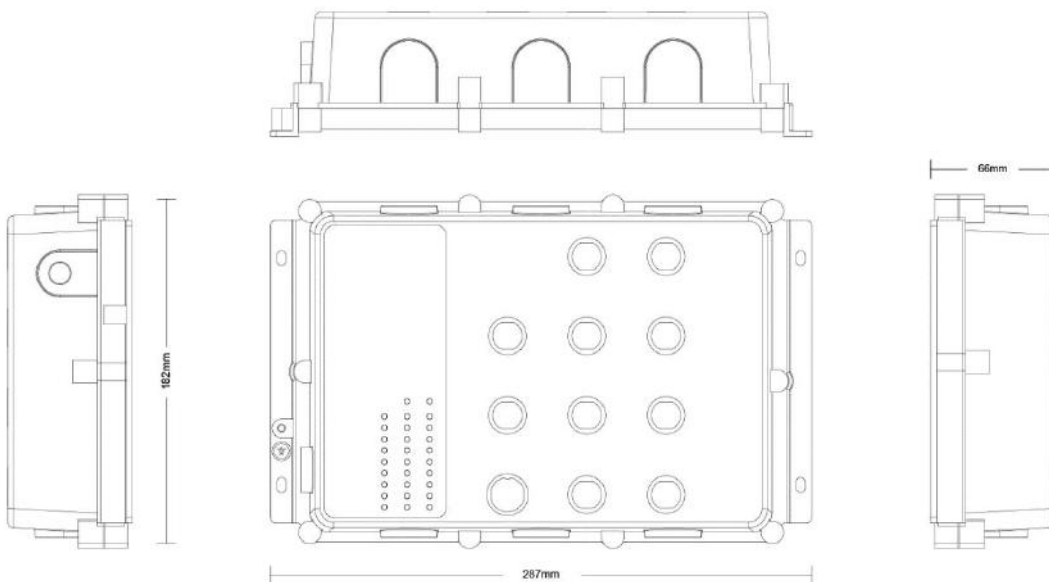
- **Input Voltage:** DC12-58V(non-PoE)
- **Shell:** IP67 protection, fan-less design
- **Anti-static:** 8KV-15KV
- **Operating Temperature:** -40°C ~ +75°C
- **Test Report:** RoHS, FCC, CE
- **MTBF:** 100000 Hours

Specifications

Provider Mode Ports	
Fixed port	8* 10/100/1000Base-T, M12 connector
Power interface	M16 connector
Alarm port	M12 connector
LED Indicators	PWR, ALM, Interface status indicator
Cable type & Transmission distance	
Twisted-pair	0-100m (CAT5e, CAT6)
Monomode optical fiber	/
Multimode optical fiber	/
Network Topology	
Ring topology	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support
Electrical Specifications	
Input voltage	DC12~ 58V
Total power consumption	< 6W
Layer 2 Switching	
Switching capacity	26G
Packet forwarding rate	19.34Mpps
MAC address table	16K
Buffer	2M
Forwarding delay	< 5us
MDX/MIDX	Support
Jumbo Frame	Support 10K Bytes
Bypass	Copper port 1~ 2 support
Watchdog	Support
Environment	
Operating temperature	-40°C ~ + 75°C
Storage temperature	-40°C ~ + 85°C
Relative humidity	5% ~ 95% non-condensing
Thermal methods	Fan-less, natural cooling
MTBF	100,000 hours
Mechanical Dimensions	
Product size	287X182X65.7mm
Installation method	DIN rail
Weight	1.2KG around
EMC & INGRESS PROTECTION	
IP Level	IP67
Surge protection of power	IEC 61000-4-5 Level X (6KV/6KV) (8/20us)

Surge protection of Ethernet port	IEC 61000-4-5 Level 4 (4KV/4KV) (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 Level 4 (30A/m)
DIP	IEC 61000-4-11 Level 3 (10V)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free fall	0.5m
Authentication	
Authentication	CE, FCC, RoHS
Accessories	
Accessories	Device, Terminals, Specification, Certificate, power adapter(optional)

■ Dimensions



■ Ordering Information

PART NO	DESCRIPTION
LA-ISW-G0008-M12	Industrial Waterproof Ethernet Switch, 8*10/100/1000Base-T with M12