

# LA-IS4N-G0208(P)

Industrial Ethernet Switch 8x10/100/1000M RJ45 (PoE), Uplink 2x1000M SFP



#### **Overview**

LA-IS4N-G0208(P) is an industrial ethernet switch with 2x1000M optical ports & 8x10/100/1000M adaptive network ports, and provides excellent industrial-grade qualities such as high/low temperature resistance and lightning protection through fan-less heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, enhancing the reliability and security of industrial networks. It can also meet the deployment requirements in rail transit, safe cities, intelligent transportation, outdoor monitoring and other harsh environments.

#### **Features**

Input voltage: DC12-58V(non-PoE), DC48-58V(PoE)

Operating temperature: -40 °C ~ +75 °C



• Casing: IP40 protection level, fan-less design

Anti-static: 8KV-15KVMTBF: 100,000hours

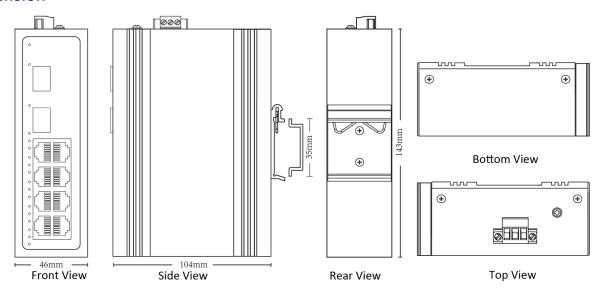
### **Specifications**

Provider Mode Ports		
Fixed Port	8x10/100/1000M RJ45, Uplink 2x1000M SFP	
Power Interface	Phoenix Terminal, Dual Power Supply Redundancy	
LED Indicators	PWR, Link/ACT LED	
Cable Type & Transmission Distance		
Twisted-pair	0-100m(CAT5e, CAT6)	
Single-mode Optical Fiber	20/40/60/80/100KM	
Multimode Optical Fiber	550m	
Network Topology		
Ring Topology	Not Support	
Star Topology	Support	
Bus Topology	Support	
Tree Topology	Support	
Electrical Specifications		
Input Voltage	DC12-58V(non-PoE), DC48-58V(PoE)	
Total Power Consumption	<5w(non-PoE), <245w (PoE)	
PoE Support (Optional)		
PoE Ports	1-8	
PoE Standard	802.3af, 802.3at	
Pin Assignment	1, 2, 3, 6	
Layer 2 Switching		
Switching Capacity	20G	
Packet Forwarding Rate	14.88Mpps	
MAC Address Table	16K	
Buffer	2M	
Forwarding Delay	<5us	
MDX/MIDX	Support	



Jumbo Frame	Support 10KBytes
Environment	
Operating Temperature	-40°C~+75°C
Storage Temperature	-40℃~+85℃
Relative Humidity	10%~90% non-condensing
Thermal Methods	Fan-less Design, Natural Cooling
MTBF	100,000 hours
Mechanical Dimensions	
Product Size	46x106x143mm
Installation Method	Din-rail
Weight	0.55KG
EMC & Ingress Protection	
IP Level	IP40
Surge Protection of Power	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
Surge Protection of ETH Port	IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Certification	
Certificates	CE, FCC, RoHS

### **Dimension**





## **Ordering Information**

PART NO.	DESCRIPTION
LA-IS4N-G0208	Din-rail Industrial Unmanaged Switch 2x1000M SFP, 8x10/100/1000M RJ45
LA-IS4N-G0208P	Din-rail Industrial Unmanaged Switch 2x1000M SFP, 8x10/100/1000M PoE





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