

LA-IS4N-G0101P-Z

Industrial Unmanaged Media Converter 1x1000Base-X, 1x10/100/1000Base-T



Overview

LA-IS4N-G0101P-Z is a 1 Gigabit optical & 1 10/100/1000Base-T unmanaged industrial PoE media converter through fan-less heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent industrial-grade quality such as high/low temperature resistance and lightning protection, and enhances the reliability and security 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: DC48-58V(PoE); DC12-58V(non-PoE)
- Operating Temperature: -40°C ~ +75°C
- Shell: IP40 protection, fan-less design
- Test Report: CE, RoHS, FCC
- Anti-static: 8KV-15KV
- MTBF: 100000 Hours

Specifications

Provider Mode Ports

Fixed Port	1x1000Base-X, 1x10/100/1000Base-T
Power Interface	Phoenix terminal, dual power supply redundant
Led Indicators	PWR, Main board fiber port indicator; NMC, Expansion board fiber port indicator

Dialing Instructions

1 LFP	LFP
2 LGY	Reserved
3 VLAN	Reserved
4 BSR	Reset

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
Hybrid Topology	Support

Electrical Specifications

Input Voltage	DC48-58V(PoE); DC12-58V(non-PoE)
Total Power Consumption	<35w(PoE); <5w(non-PoE)

PoE Support

PoE Port	1
PoE Protocol	802.3af, 802.3at
Pin Assignment	1, 2, 3, 6

Layer 2 Switching

Switching Capacity	14G
Packet Forwarding Rate	10.416Mpps
MAC Address Table	8K

Buffer	1M
Forwarding Delay	<5us
MDX/MIDX	Support
Jumbo Frame	Support 10K bytes

Environment

Operating Temperature	-40°C~+75°C
Storage Temperature	-40°C~+75°C
Relative Humidity	10%~90% (non-condensing)
Thermal Methods	Fan-less, natural cooling
MTBF	100,000 hours

Mechanical Dimensions

Product Size	31x91x118mm (W×H×D)
Installation Method	Din-rail
Weight	0.4KG

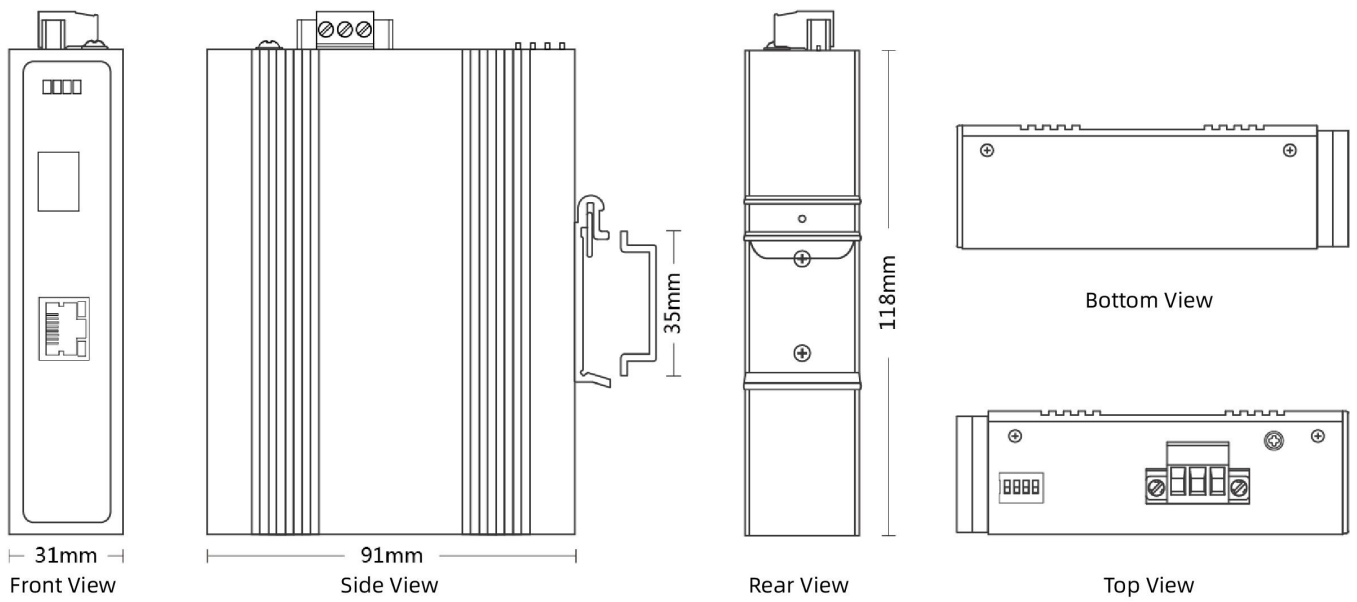
EMC & Ingress Protection

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)

Certificate

Certificates	CE/FCC/RoHS
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Dimension



Ordering Information

PART NO.	DESCRIPTION
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<https://www.lanaotek.com> 

Specifications & design are subject to change without prior notice.

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