

LA-IS6N-G0101P-Z

Industrial Din-rail PoE Media Converter 1x1000Base-X, 1x10/100/1000Base-T



Overview

LA-IS6N-G0101P-Z is a 1 Gigabit optical & 1 10/100/1000Base-T unmanaged industrial PoE media converter, 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 operating environment temperature, high protection level and other technologies; it enhances the reliability and security of industrial networks. It can better meet the deployment requirements of rail transit, safe cities, intelligent transportation, outdoor monitoring and other harsh environments.

Features

- Input Voltage: DC48-58V(PoE); DC12-58V(non-PoE)
- Operating Temperature: -40°C~+85°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, OPT, NMC, ALM

Dialing Instructions (PoE)

1 I/R	PoE watchdog
2 VLAN	VLAN
3 Q/I	Port Isolation
4 F/P	VIP Power Supply & QoS

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	DC48-58V(PoE); DC12-58V(non-PoE)
Total Power Consumption	<36w(PoE); <6w(non-PoE)

PoE Support

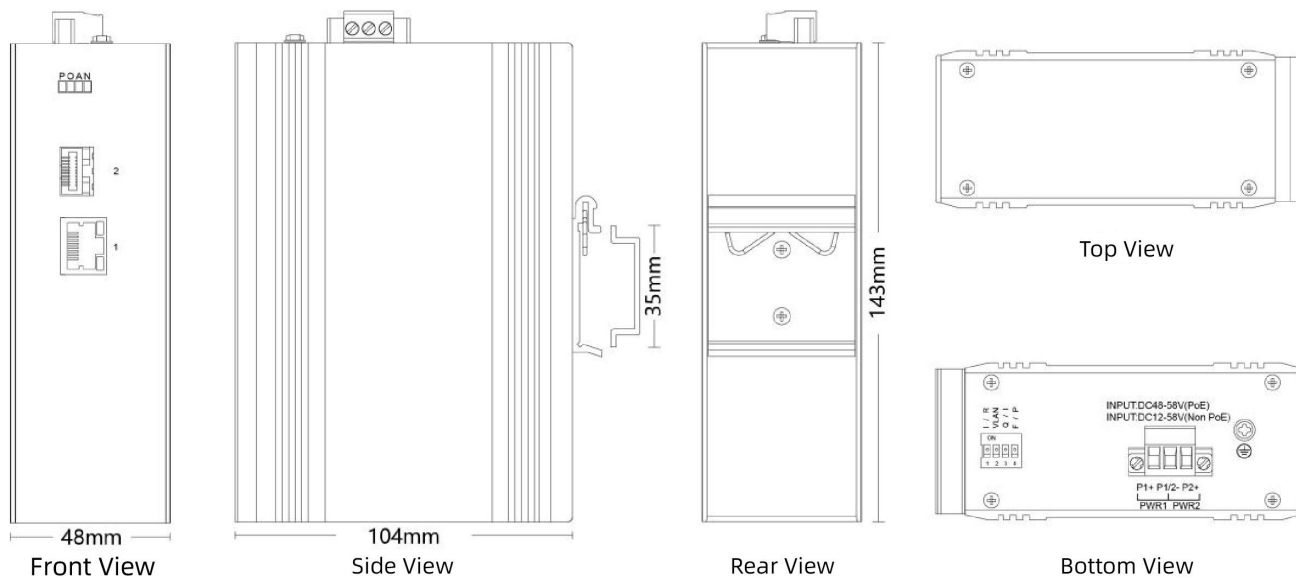
PoE Port	1
PoE Protocol	802.3af, 802.3at
Pin Assignment	1, 2, 3, 6

Layer 2 Switching

Switching Capacity	14G
Packet Forwarding Rate	10.416Mpps
MAC Address Table	8K
Buffer	1M

Forwarding Delay	<5us
MDX/MIDX	Support
Flow Control	Support
Jumbo Frame	Support 10Kbytes
Environment	
Operating Temperature	-40°C~+85°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	48x104x143mm (W×H×D)
Installation Method	Din-rail
Weight	0.6KG
EMC & Ingress Protection	
IP Level	IP40
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
Certificate	
Certificates	CE/FCC/RoHS

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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