# LA-IS4N-G0204P-Z

## Industrial Switch 2xGigabit SFP, 4x10/100/1000Base-T PoE



## Overview

LA-IS4N-G0204P-Z Industrial Ethernet Gigabit PoE Switch, is fan-less and energy-saving design, provide reliable power solution for SMBs deploying Power over Ethernet networks. It is small, convenient and easy to maintain and offers high reliability and security to guarantee the continuous industrial operation in harsh environments from -40℃~ +75℃, such as control cabinet of transportation, factory floors, outdoors, or other low or high temperature environments.
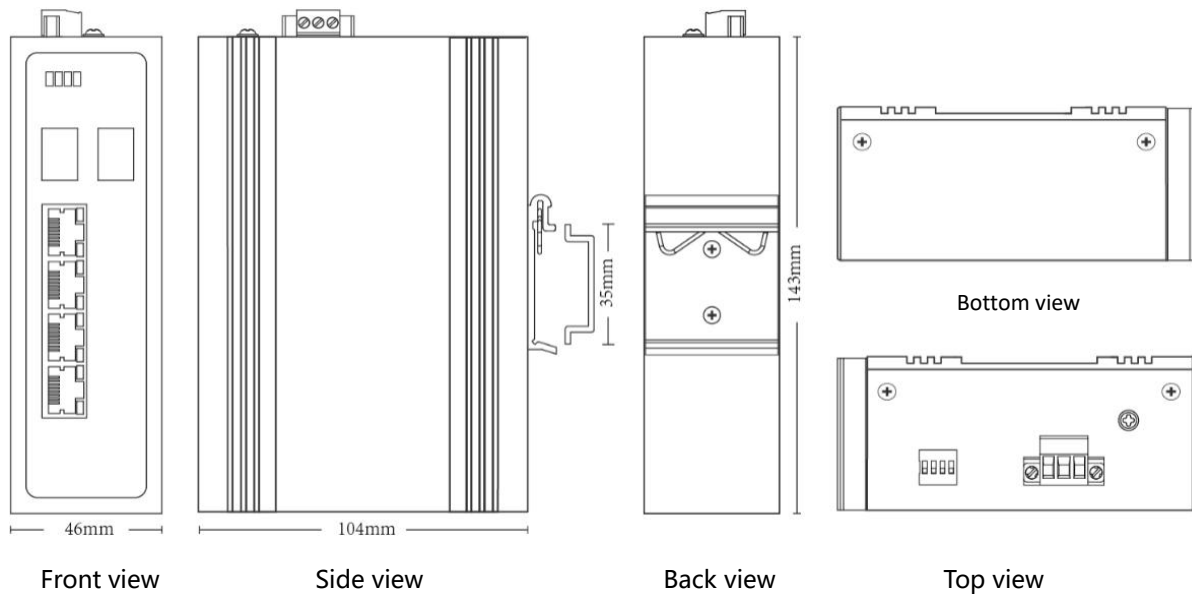
## Features

- Complies with the IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at
- Auto-MDI/MDI-X detection and negotiation in half/full-duplex modes for 10/100/1000Base-TX RJ-45 port
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- Supports packet size of up to 10K bytes
- Robust IP40 protection, fan-less design, high/low temperature resistance -40℃~ +75℃
- DC48V-58V input
- CSMA/CD protocol
- Automatic source address learning and aging

## Specifications

| Provider Mode Ports | |
| --- | --- |
| Fixed Port | 2*1000 Base-X，4*10/100/1000 Base-T |
| Power Interface | Phoenix terminal, Dual power input |
| LED Indicators | PWR, Link/ACT LED |
| **DIP (Non-PoE)** | |
| 1 | QoS |
| 2 | Storm suppression |
| 3 | Port isolation |
| 4 | flow control |
| **DIP (PoE)** | |
| 1 | Remote PD Reset |
| 2 | 250m Extension |
| 3 | Port Isolation |
| 4 | Flow Control |
| **Cable Type & Transmission Distance** | |
| Twisted-pair | 0-100m (CAT5e, CAT6) |
| Mono-mode Optical Fiber | 20/40/60/80/100KM |
| Multi-mode 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 | DC12-58V; PoE DC 48-58V |
| Total Power consumption | <5W(non-PoE), <125W(PoE) |
| **PoE Support** | |
| PoE Port | 1-4 |

| | |
|---|---|
| PoE Standard | 802.3af, 802.3at |
| Pin Assignment | 1,2+, 3,6- |
| **Layer 2 Switching** | |
| Switching Capacity | 12Gbps |
| Packet Forwarding Rate | 8.92Mpps |
| MAC Address Table | 2K |
| Buffer | 1M |
| Forwarding Delay | <5us |
| MDX/MIDX | Support |
| Jumbo Frame | Support 9K bytes |
| **Environment** | |
| Operating Temperature | -40℃~+75℃ |
| Storage Temperature | -40℃~+75℃ |
| Relative Humidity | 10%~90% (non-condensing) |
| Thermal Methods | Faceless design, natural heat dissipation |
| MTBF | 100,000 hours |
| **Mechanical Dimensions** | |
| Product Size | 143*104*46mm |
| Installation Method | Din-Rail |
| Net Weight | 0.58KGs |
| **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) |
| **Certification** | |
| Certificates | CE, FCC, RoHS |

## Dimensions

Front view | Side view | Back view | Top view

35mm

104mm

46mm

143mm

Bottom view

## Ordering Information

| P/N | Description |
|---|---|
| LA-IS4N-G0204P-Z | Unmanaged Industrial Gigabit PoE Switch<br>2x1000Mbps SFP, 4x10/100/1000M RJ45 PoE |
| LA-IS4N-G0204-Z | Unmanaged Industrial Gigabit Switch<br>2x1000Mbps SFP, 4x10/100/1000M RJ45 |

## https://www.lanaotek.com

Specifications & design are subject to change without prior notice.

For more details, please email to info@lanaotek.com. Copyright©2021 lanaotek.com AII Rights Reserved