

# LA-IS6N-F0016-Z

Unmanaged Industrial Ethernet Switch 16x10/100Base-TX



## Overview

LA-IS6N-F0016-Z is 16x10/100Base-TX unmanaged industrial fast ethernet switches. Through fan-less cooling circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent performance such as high/low temperature resistance and lightning protection. Industrial-grade quality; greatly improves networking flexibility and enhances the reliability and security of industrial networks. It can better meet the deployment requirements in rail transit, safe cities, intelligent transportation, outdoor monitoring and other harsh environments.

## Features

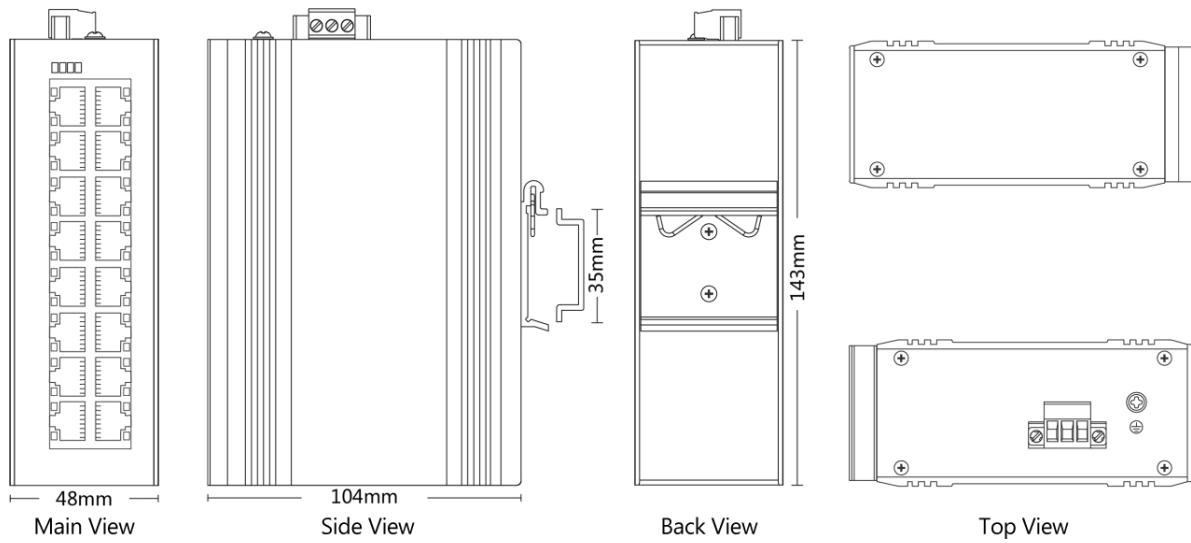
- Input Voltage: DC12-58V
- Operating Temperature: -40°C~ +75°C
- Shell: IP40 protection, Fan-less design
- Test Report: CE, RoHS, FCC

## Specifications

<b>Provider Mode Ports</b>	
Fixed Port	16*10/100Base-TX
Power Interface	Phoenix terminal, dual power supply redundancy
LED Indicators	PWR, Link/ACT LED
<b>Cable Type &amp; Transmission Distance</b>	
Twisted-pair	0-100m (CAT5e, CAT6)
<b>Network Topology</b>	
Ring Topology	Not Support
Star Topology	Support
Bus Topology	Support
Tree Topology	Support
<b>Electrical Specifications</b>	
Input Voltage	DC12-58V(non-PoE)
Total Power Consumption	<10W
<b>Layer 2 Switching</b>	
Switching Capacity	32G
Packet Forwarding Rate	2.38Mbps
MAC Address Table	8K
Buffer	2M
Forwarding Delay	<10us
MDX/MIDX	Support
Jumbo Frame	Support 10Kbytes
<b>Mechanical Dimensions</b>	
Product Size	143*104*48mm
Installation Method	DIN-rail
Weight	0.5KG
<b>Environment</b>	
Operating Temperature	-40°C~+75°C
Storage Temperature	-40°C~+85°C
Relative Humidity	5%~95% (non-condensing)

Thermal Methods	Fan-less design, Natural Heat Dissipation
MTBF	100,000 hours
<b>EMC &amp; Ingress protection</b>	
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
<b>Authentication</b>	
Certification	CE, FCC, RoHS

### Dimension



### Ordering Information

PART NO.	DESCRIPTION
LA-IS6N-F0016-Z	Industrial Ethernet Switch 16x10/100Base-TX



<https://www.lanaotek.com>



Specifications & design are subject to change without prior notice.

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