

IDSAIM-02S08GP-Z6

Din-rail Industrial Unmanaged PoE Switch

8x10/100/1000M RJ45 PoE+, Uplink 2x1G SFP



Overview

IDSAIM-02S08GP-Z6 is an unmanaged industrial Ethernet fast switch featuring 8×10/100Base-TX PoE ports and 2×Gigabit fiber ports. Designed for harsh industrial environments, it boasts a faceless heat-dissipation circuit design, wide operating temperature range, and high protection level, ensuring exceptional resistance to extreme temperatures and lightning protection. These industrial-grade features significantly enhance network reliability and security, making it an ideal solution for rail transit, Safe City projects, intelligent transportation, and outdoor surveillance deployments.

Features

- Input Voltage: Redundant DC48-58V input
- Operating Temperature: -40°C ~ +75°C
- Shell: IP40 protection, fanless design
- Test Report: RoHS, FCC, CE
- Anti-static: 8KV-15KV
- MTBF: 100,000 Hours

Specifications

Provider Mode Ports

Fixed Port	8x10/100/1000M RJ45, 2x1G SFP
Power Interface	Phoenix terminal, dual power supply redundant
LED Indicators	PWR, OPT, NMC, ALM

DIP Instructions

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)
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

Electrical Specifications

Input Voltage	Redundant DC48-58V input
Total Power Consumption	PoE<246w

PoE Support

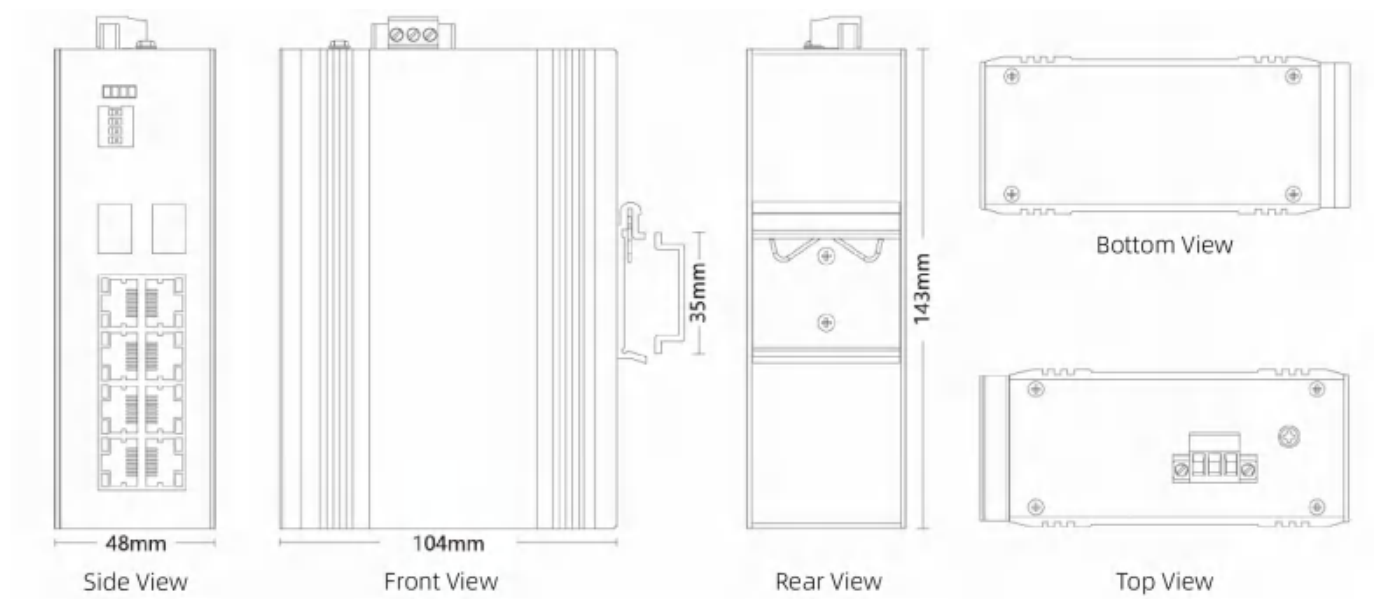
PoE Port	1-8
PoE Protocol	IEEE802.3af PoE 15.4w IEEE802.3at PoE+ 30w
Pin Assignment	1, 2+, 3, 6-

Layer 2 Switching

Switching Capacity	26G
Packet Forwarding Rate	19.34Mpps
MAC Address Table	16K
Buffer	2M

Forwarding Delay	<5us
MDI/MDIX	Support
Flow Control	Support
Jumbo Frame	Support 10K bytes
Watchdog	Support
Port Isolation	Support
Mechanical Dimensions	
Dimension(W*D*H)	48*104*143mm
Installation Method	Din-rail
Net Weight	0.6kg
Environment	
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
EMC & INGRESS PROTECTION	
IP Level	IP40
Surge Protection of Power	IEC 61000-4-5 Level X (6KV/4KV) (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
Warranty	
Warranty	3-Year

Dimension



Ordering Information

P/N	Description
IDS AIM-02S08GP-Z6	Industrial Din-rail PoE Switch 8*10/100/1000M RJ45 PoE+, 2*1000M SFP Redundant DC48-58V input



<https://www.lanaotek.com>



Specifications & design are subject to change without prior notice.

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