

LA-IS8M3-10G0416C08-AD-Z

Industrial L3 Managed Switch 16*1000M SFP, 8*1000M Combo(TP/SFP), 4*10G SFP+



Overview

Industrial Rackmount L3 Managed Switch support 16*1000M SFP, 8*1000M Combo(TP/SFP), 4*10G SFP+ ports, with fan-less cooling circuit design, wide range working environment temperature, high protection level, lightning protection, integrated switching, safety and various rich protocols. The multi ring protection technology (ERPS) has greatly enhanced the flexibility of the network and enhanced the reliability and security of the industrial network. It can meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.

Features

- Dual Power Input: DC12-58V, AC 100~240V 50/60Hz
- Operating Temperature: -40°C ~ +75°C
- Shell: IP40 protection, fan-less design
- Anti-static: 8KV-15KV

Specifications

Fixed Port	16*1000M SFP, 8*1000M Combo(TP/SFP), 4*10G SFP+
Management Port	Support console
Power Interface	Phoenix terminal, redundant dual power supply
LED Indicators	PWR, Link/ACT LED
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	Support
Star Topology	Support
Bus Topology	Support
Tree Topology	Support
Hybrid Topology	Support
Electrical Specifications	
Input Voltage	DC12-58V, AC100~240V 50-60HZ
Total Power Consumption	<36w
Layer 2 Switching	
Switching Capacity	160G
Packet Forwarding Rate	95.23Mpps
MAC Address Table	16K
VLAN	Support 4K
Buffer	12M
Forwarding Delay	<10us
MDX/MIDX	Support
Flow Control	Support
Jumbo Frame	Support 10Kbytes
Spanning Tree	Support STP/RSTP/MSTP
Ring Protocol	Support ERPS
Link Aggregation	Support 12 groups

Multicast	Support IGMP Snooping
Port Mirroring	Support
Storm Control	Support
Interface Counters	Support
QINQ	Support
802.1X	Support
MAC Authentication	Support
Port Isolation	Support
Rmon	Support
NTP Client	Support
DHCP Client	Support
DHCP Snooping	Support
PING/Tracert Detection	Support
Dying Gasp	Support
DDM	Support
Port Security	Support
IP Source Guard	Support
Device Scan	Support
Layer 3 Function	
Static Routing	Support 1K
ARP	ARP entry aging
	Equal cost routing
Equal Cost Routing	The max. number of next-hops that can be configured for ECMP Support traffic balancing configuration
VRRP	Virtual routing redundancy protocol
RIP	Support
OSPFv2	Support
DHCP Server	Support
Convergence	
ACL	Support ACL 500 Support IP standard ACL Support MAC expand ACL Support IP expand ACL

QoS	Support QoS re-marking, priority mapping Support SP, WRR queue scheduling Support egress rate-limited, egress rate-limit Support Policy-based QoS
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Management

CLI	Support
Console	Support
Telnet/SSH	Support
WEB Management	Support
IP Management	Support IPV4/IPV6
SNMP	Support SNMPv1/v2c/v3
User Management	Support
System Log	Support
Configuration File Download/Upload	Support
Upgrade Firmware	Support

Environment

Operating Temperature	-40°C~+75°C
Storage Temperature	-40°C~+75°C
Relative Humidity	5%~95% (non-condensing)
Thermal Methods	Fan-less design
MTBF	100,000 hours

Mechanical Dimensions

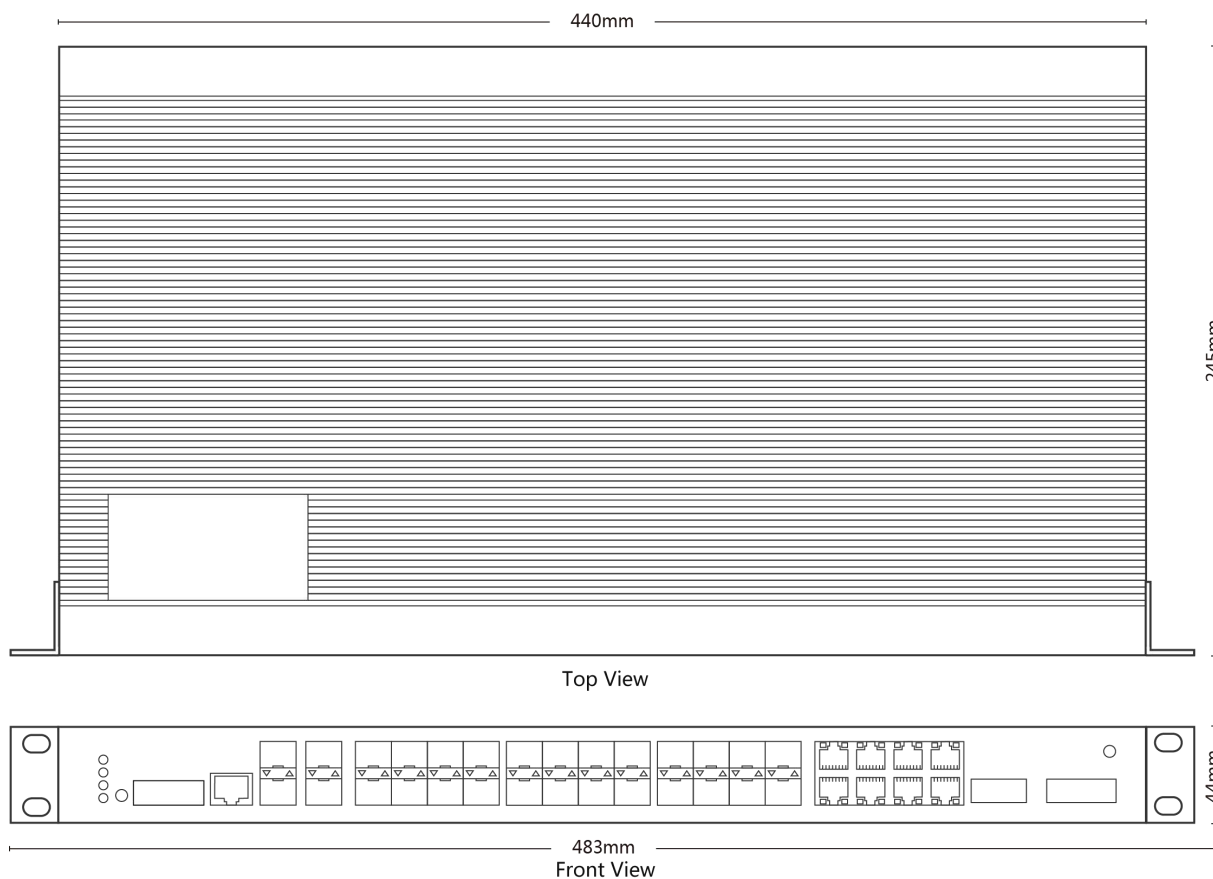
Product Size	440*245*44mm
Installation Method	Rack mount
Weight	3.6KG

EMC & Ingress Protection

IP Level	IP40
Surge Protection of Power	AC: IEC 61000-4-5 Level 3(4KV/2KV)(8/20us) DC: IEC 61000-4-5 Level X(8KV/8KV)(8/20us)
Surge Protection of Ethernet Port	IEC 61000-4-5 Level 4(4KV/2KV) (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
Authentication	CE/FCC/RoHS

Dimension



Ordering Information

PART NO	DESCRIPTION
LA-IS8M3-10G0416C08-AD-Z	Industrial Rackmount Layer 3 Managed Switch 16*1000M SFP, 8*1000M Combo(TP/SFP), 4*10G SFP+ Dual Power Input DC12-58V and AC100~240V



<https://www.lanaotek.com>



Specifications & design are subject to change without prior notice.

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