

OPL-IS8M2RLB-10G0416(PB)-Z

Industrial Managed (PoE) Switch 16x10/100/1000M RJ45, 4x10G SFP+



Общие сведения

OPL-IS8M2RLB-10G0416(PB)-Z - промышленный управляемый коммутатор Ethernet с поддержкой 4x10GBase-X, 16x10/100/1000Base-T, поддержкой 802.3af / at PoE / PoE++, с системой охлаждения без вентилятора, широким диапазоном температур рабочей среды, высоким уровнем защиты, молниезащитой, встроенная коммутация 2-х источников питания, безопасность и различные расширенные протоколы. Технология защиты с несколькими кольцами (ERPS) значительно повысила гибкость сети и надежность и безопасность промышленной сети. Он может удовлетворить требования к железнодорожному транспорту, безопасному городу, интеллектуальному транспорту, наружному мониторингу и другим суровым условиям эксплуатации.

Features

- Input Voltage: DC12-58V(non-PoE), DC48-58V(PoE)
- Operating Temperature: -40°C~+75°C(non-PoE), -40°C~+70°C(PoE)
- Shell: IP50 protection, fan-less design
- Anti-static: 8KV-15KV

Specifications

Fixed Port	16x10/100/1000M RJ45, 4x10G 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(non-PoE)/DC48-58V(PoE)
Total Power Consumption	<26W(non-PoE), <386W(PoE)
PoE Support	
PoE Port	1-16

PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2,3,6
PoE Management	Support
PoE++ Support	
PoE Port	1-16
PoE Protocol	802.3af, 802.3at, 802.3bt (1-2 & 15-16 Support 60W)
Pin Assignment	1245+ 3678-
PoE Management	Support
Layer 2 Switching	
Switching Capacity	128G
Packet Forwarding Rate	101.2Mpps
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 group
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 static routes
ARP	ARP entry aging
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

Management

CLI	Support
Console	Support
Telnet/SSH	Support
WEB Management	Support
Management IP	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(non-PoE), -40°C~+70°C(PoE)
Storage Temperature	-40°C~+85°C
Relative Humidity	5%~95% (non-condensing)
Thermal Methods	Fan-less design
MTBF	100,000 hours

Mechanical Dimensions

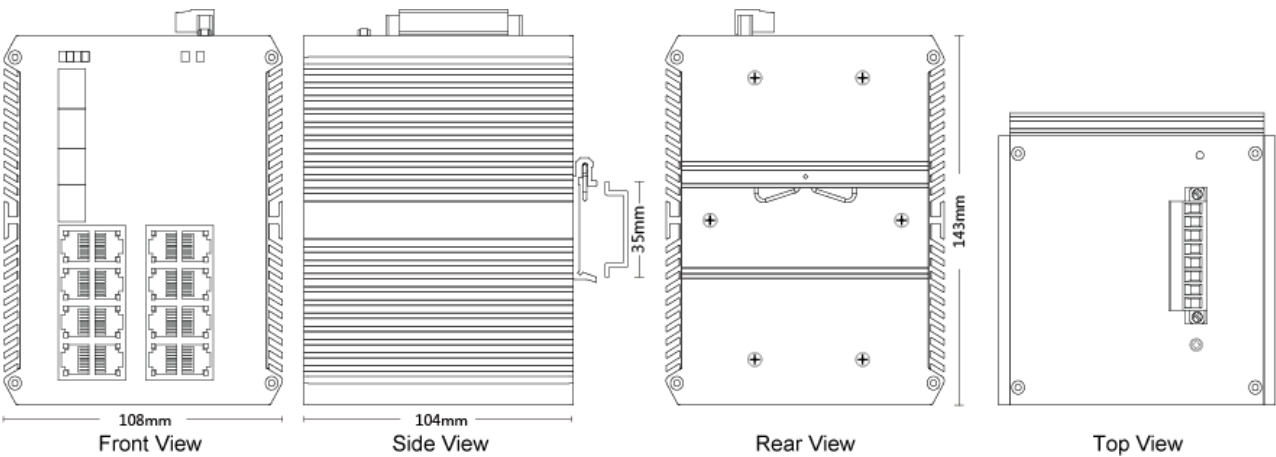
Product Size	94*104*143mm
Installation Method	DIN-rail
Weight	1KG

EMC & Ingress Protection

IP Level	IP50
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
Certification	
Certificates	CE/FCC/RoHS

Dimension



Информация для заказа

Модель	Описание
OPL-IS8M2RLB-10G0416-Z	Industrial Managed Ethernet Switch 16x10/100/1000Mbps RJ45, Uplink 4x10G SFP+
OPL-IS8M2RLB-10G0416P-Z	Industrial Managed PoE Switch 16*10/100/1000Mbps RJ45 PoE, Uplink 4x10G SFP+
OPL-IS8M2RLB-10G0416PB-Z	Industrial Managed PoE Switch 16x10/100/1000Mbps RJ45 PoE (Port 1-2, 15-16 BT60W), Uplink 4x10G SFP+