

OPL-IS6N-G0204

2*1000Base-X, 4*10/100/1000Base-T Industrial Ethernet Switch (PoE Optional)

Highlight Information

OPL-XXX/LAM-XXX Series

For OPL-XXX Series

For OPL-XXX Series



Introduction

This device is 2*1000Base-FX & 4*10/100/1000Base-T Industrial Ethernet Switch. Through the fanless heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent industrial quality with high/low temperature resistance and lightning protection, and enhances the reliability and safety of industrial networks.

It can better meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.

Features

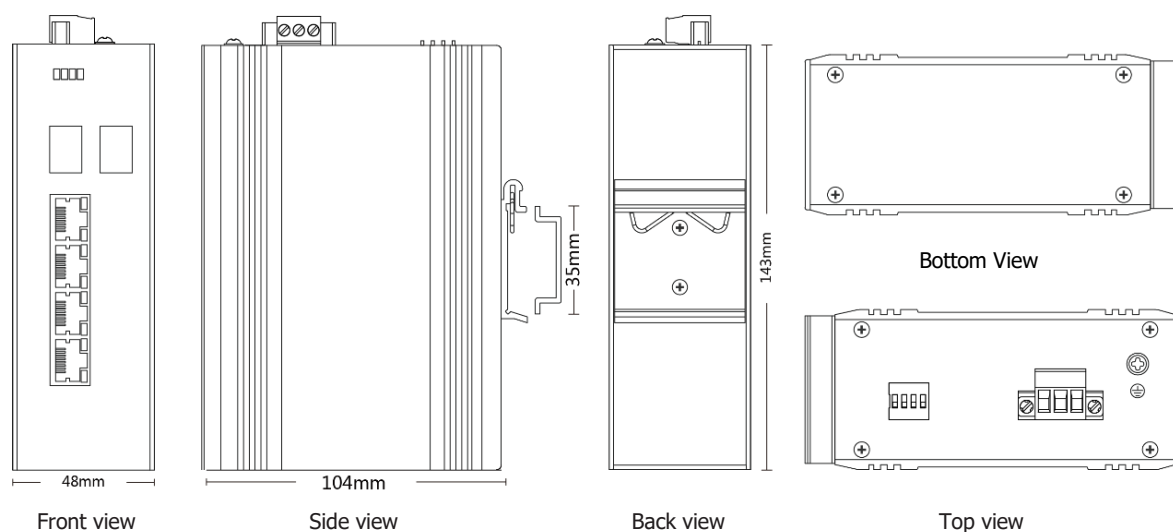
- **Input Voltage:** DC12~58V
- **Shell:** IP40 protection, fanless design
- **Anti-static:** 8KV-15KV
- **Operating Temperature:** -40°C ~ +75°C
- **Test Report:** CCC, RoHS, FCC, CE
- **MTBF:** 100000 Hours

■ Specification

PART NO	OPL-IS6N-G0204
Provider Mode Ports	
Fixed Port	2*1000 Base-X, 4*10/100/1000Base-T
Power Interface	Phoenix terminal, redundant dual power supply
LED Indicators	PWR, OPT ,NMC, ALM
DIP Switch	
1 C/D	Remote PD Reset
2 LGY	Stand/Non-standard PoE Mode
3 VLAN	Port Isolation
4 RST	Reset
Cable Type & Transmission Distance	
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode Optical Fiber	20/40/60/80/100KM
Multimode Optical Fiber	550m
Network Topology	
Ring Topology	Unsupported
Star Topology	Support
Bus Topology	Support
Tree Topology	Support
Hybrid Topology	Support
Electrical Specifications	
Input Voltage	DC12-58V
Total Power Consumption	<6W
Voltage Alarm	Support
Layer 2 Switching	
Switching Capacity	14G
Packet Forwarding Rate	10.416Mpps
MAC Address Table	8K
VLAN	Unsupported
Buffer	1M
Forwarding Delay	<5us
MDX/MIDX	Support
Flow Control	Support
Jumbo Frame	10K bytes
Watch Dog	Support
Port Isolation	Support

Environment	
Operating Temperature	-40°C~+75°C The device is tested for 4 hours at temperatures in 85°C
Storage Temperature	-40°C~85°C
Relative Humidity	5%~95% (non-condensing)
Thermal Methods	Fanless, natural cooling
MTBF	100,000 hours
Mechanical Dimensions	
Product Size	143X104X48mm (W × H × D)
Installation Method	DIN-rail
Weight	0.6KG around
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)
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	
Authentication	CCC/CE/FCC/RoHS

■ Dimensions



■ Ordering Information

PART NO	DESCRIPTION
OPL-IS6N-G0204	2*1000Mbps SFP Port, 4*10/100/1000Mbps RJ45 Port, PoE 802.3af & at
OPL-IS6N-G0204-SC	2*1000Mbps SC Port, 4*10/100/1000Mbps RJ45 Port, PoE 802.3af & at
OPL-IS6N-G0204-FC	2*1000Mbps FC Port, 4*10/100/1000Mbps RJ45 Port, PoE 802.3af & at
OPL-IS6N-G0204-ST	2*1000Mbps ST Port, 4*10/100/1000Mbps RJ45 Port, PoE 802.3af & at

■ Accessories

PART NO	DESCRIPTION
OPL-IS6N-G0204	device, terminals, specification, certificate adapter(optional)