

OPL-IS7M-G0208P-BT

2*1000Base-X, 8*10/100/1000Base-T Managed Industrial Ethernet Switch
(Port 1-2 support PoE++ BT)



Общие сведения

Этот промышленный Ethernet-коммутатор OPL-IS7M-G0208P-BT использует архитектуру store-forward, безвентиляторную и энергосберегающую конструкцию. Преимуществом продукта являются небольшие размеры, удобство и простота в обслуживании. Конструкция изделия соответствует стандарту Ethernet, добавлены меры молниезащиты, антистатической защиты. Он применяется в широком диапазоне рабочих температур от -40°C до +75°C со стабильной и надежной производительностью.

Устройство может широко применяться в различных областях широкополосной передачи данных, например, в интеллектуальном транспорте, телекоммуникациях, безопасности, финансовых ценных бумагах, таможне, судоходстве, энергетике, водохранилищах и нефтяных месторождениях.

Features

- **Input Voltage:** DC12-58V(Non-PoE); DC48-58V(PoE)
- **Shell:** IP40 protection, fanless design
- **Anti-static:** 8KV-15KV
- **Operating Temperature:** -40°C~ +75°C
- **Test Report:** RoHS, FCC, CE
- **MTBF:** 100000 Hours

Specifications

PART NO	OPL-IS7M-G0208P-BT
Provider Mode Ports	
Fixed Port	2*1000 Base-X, 8*10/100/1000 Base-T
Management Port	Support console
Power Interface	Phoenix terminal, redundant dual
LED Indicators	PWR, Link/ACT LED

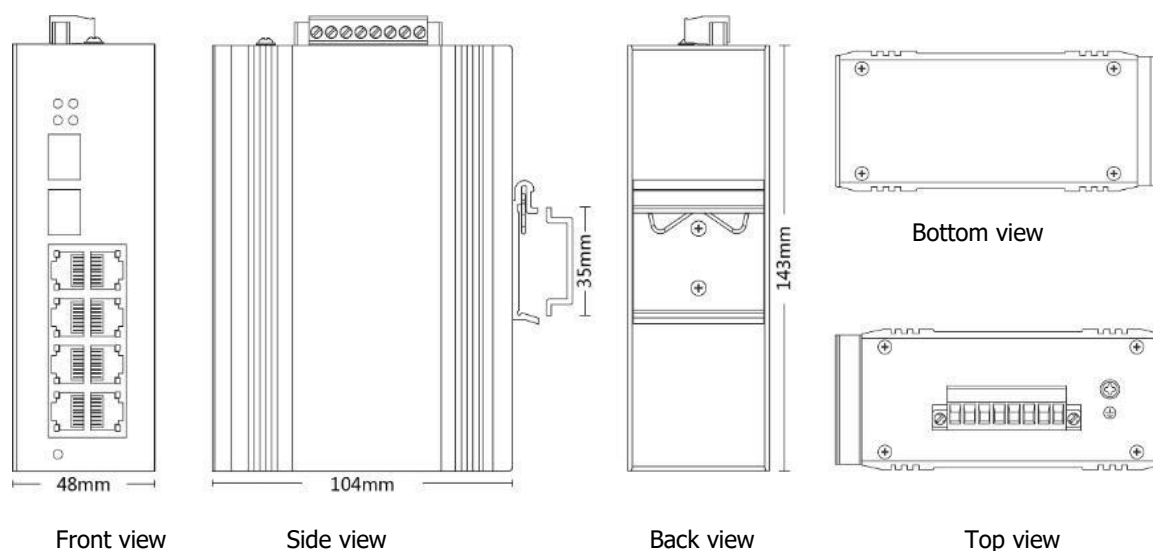
Cable Type & Transmission Distance	
Twisted-pair	0-100m (CAT5e, CAT6)
Monomode Optical Fiber	20/40/60/80/100KM
Multimode Optical Fiber	550m
Network Topology	
Ring Topology	Support
Star Topology	Support
Bus Topology	Support
Tree Topology	Support
Hybrid Topology	Support
Electrical Specifications	
Input Voltage	DC12-58V (Non-PoE); DC48-58V (PoE)
Total Power Consumption	<10W (Non-PoE); <250W (PoE+, PoE++)
PoE++	
PoE Port	Port 1-8 support 30w, Port 1-2 support 60w/90w
PoE Protocol	802.3af, 802.3at, 802.3bt
Pin Assignment	1,2,3,6
PoE Management	Support
Layer 2 Switching	
Switching Capacity	36G
Packet Forwarding Rate	26.78Mpps
MAC Address Table	16K
VLAN	Support 4K
Buffer	12M
Forwarding Delay	<10us
MDX/MIDX	Support
Flow Control	Support
Jumbo Frame	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
Watch Dog	Support
802.1X	Support
MAC Authentication	Support
Port Isolation	Support
Rmon	Support
NTP Client	Support
DHCP Client	Support
DHCP Snooping	Support
DHCP CLIENT	Support
PING/TRACEROUT	Support
Dying Gasp	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
Management IP	Support IPv4/IPv6
Telnet / SSH	Support
WEB Management	Support
SNMP	Support SNMPv1/v2c/v3
User Management	Support
System Log	Support
Configuration File Download/Upload	Support

Upgrade Firmware	Support
Environment	
Operating Temperature	-40°C~+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	0.58KG around
EMC & Ingress Protection	
IP Level	IP40
EMC	CLASS B
EMI	FCC Part 15B Class B
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
Authentication	
Authentication	CE/FCC/RoHS

■ Dimensions



■ Ordering Information

Модель	Описание
OPL-IS7M-G0208P-BT	Industrial Managed Switch, 2 x 1000Mbps SFP Port, 8 x 10/100/1000M RJ45 Port (8 x PoE+, 1-2 x PoE++)
OPL-IS7M-G0208P-eBT	Industrial Managed Switch, 2 x 1000Mbps SFP Port, 8 x 10/100/1000M RJ45 Port (8 x PoE++)
OPL-IS7M-G0208	Industrial Managed Switch, 2 x 1000Mbps SFP Port, 8 x 10/100/1000M RJ45 Port
OPL-IS7M-2.5G0208	Industrial Managed Switch, 2 x 2.5G SFP Port, 8 x 10/100/1000M RJ45 Port
OPL-IS7M-2.5G0208P	Industrial Managed Switch, 2 x 2.5G SFP Port, 8 x 10/100/1000M RJ45 Port (8 x PoE+)
OPL-IS7M-2.5G0208PB	Industrial Managed Switch, 2 x 2.5G SFP Port, 8 x 10/100/1000M RJ45 Port (8 x PoE+, 1-2 x PoE++)
OPL-IS7M-FG0208	Industrial Managed Switch, 2 x 1000Mbps SFP Port, 8 x 10/100M RJ45 Port
OPL-IS7M-FG0208P	Industrial Managed Switch, 2 x 1000Mbps SFP Port, 8 x 10/100M RJ45 Port (8 x PoE+)
OPL-IS7M-FG0208PB	Industrial Managed Switch, 2 x 1000Mbps SFP Port, 8 x 10/100M RJ45 Port (8 x PoE+, 1-2 x PoE++)
OPL-IS7M-F2.5G0208	Industrial Managed Switch, 2 x 2.5G SFP Port, 8 x 10/100M RJ45 Port
OPL-IS7M-F2.5G0208P	Industrial Managed Switch, 2 x 2.5G SFP Port, 8 x 10/100M RJ45 Port (8 x PoE+)
OPL-IS7M-F2.5G0208PB	Industrial Managed Switch, 2 x 2.5G SFP Port, 8 x 10/100M RJ45 Port (8 x PoE+, 1-2 x PoE++)