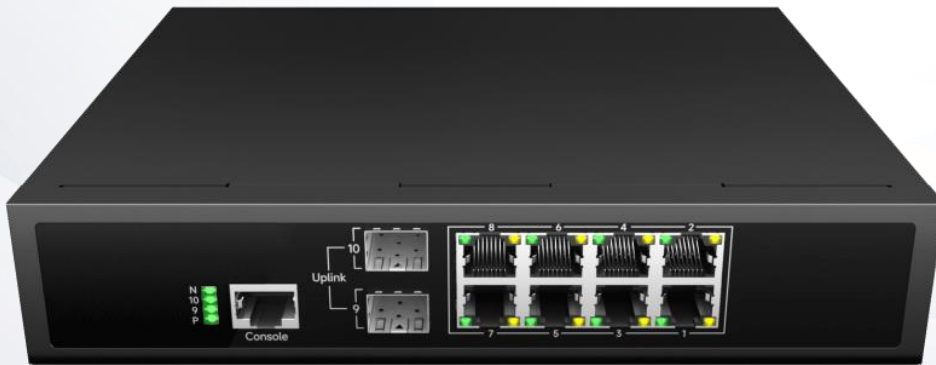


# OPL-SWM2+-G0208-Z

Layer 2+ Lite Managed Ethernet Switch 2xGigabit SFP 8x10/100/1000Base-T



## Обзор

OPL-SWM2+-G0208-Z - это управляемый коммутатор уровня 2+ с адаптивными портами RJ45 8x10/100/1000 Мбит/с и оптическими интерфейсами SFP 2x1000 Мбит/с. Каждый порт RJ45 поддерживает автоматическое переключение и высокоскоростную переадресацию данных. Используется метод сохранения и переадресации в сочетании с технологией QoS, чтобы обеспечить эффективное распределение полосы пропускания для каждого порта и стабильную и надежную передачу данных.

## Features

- Support IEEE802.3/IEEE802.3u/IEEE802.3ab/IEEE802.3z, store-and-forward
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard
- Support port auto flip (Auto MDI/MDIX)
- Panel indicator monitoring the status and help failure analysis
- Support 802.1x port authentication, support AAA authentication, support TACACS+ authentication
- Support WEB, TELNET, CLI, SSH, SNMP, RMON management
- Surge Protection: General 4KV, Differential 2KV, ESD 8KV air, 6KV contact

## Specifications

### Provider Mode Ports

Fixed Port 2\*1000Mbps Base-X, 8\*10/100/1000 Base-T

Management Port Support Console

Power Interface AC triangular seat

LED Indicators PWR, Link/ACT LED

### 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 Support

Star Topology Support

Bus Topology Support

Tree Topology Support

Hybrid Topology Support

### Electrical Specifications

Input Voltage AC100~240V, 50/60Hz

Total Power Consumption ≤10W

### Layer 2 Switching

Switching Capacity 20Gbps

Packet Forwarding Rate 14.88Mpps

MAC Address Table 8K

Buffer 4.1M

Forwarding Delay <10us

VLAN 256

GVRP Support

Protocol VLAN Support

Voice VLAN Support

Surveillance VLAN Support

MAC VLAN Support

Ethernet Channel/ 802 .3ad	Support
LACP	Support
Interface Speed	Support
Duplex Mode	Support
Flow Control	Support
Jumbo Frame	Support
DHCP Client	Support
SNTP Client	Support
Port Statistics	Support
Protected Ports	Support
EEE	Support
Ethernet Ring Protection Switching	Support
LLDP	Support
LLDP 802.1 TLV	Support
MSTP / RSTP / STP	Support
STP BPDU Filter	Support
STP BPDU guard	Support
STP Port Fast	Support
IGMP Snooping	Support
MLD Snooping	Support
MVR	Support
DHCP Interface Priority IP Binding	Support
Device Scan	Support
<b>Layer 3 Route</b>	
IPV4 Management Address	Support
IPV6 Management Address	Support
Static Routes IPv4	Support
Static Routes IPv6	Support
ARP	Support
Loopback Interface	Support
DHCP Server	Support
DNS Server	Support

DNS Client	Support
<b>Convergence &amp; Equipment Diagnosis</b>	
ACL	Support MAC standard/expand ACL Support IPv4 standard/expand ACL Support IPv6 standard/expand ACL
QoS	Support QoS re-marking, port trust Support port rate limiting Support egress rate-limited Support SP, WRR queue scheduling Support COS mapping, DSCP mapping, IP priority mapping
Equipment Diagnosis	Support Console/RAM/Flash Log Support Port mirroring 1:1 or 1:M Support Ping Support Trace-route Support Copper test Support Optical transceiver DDM Support UDLD protocol
<b>Management &amp; Security</b>	
CLI / Console	Support
RMON	Support
WEB Management	Support
SNMP	Support SNMPv1/v2c/v3
User Management	Support
System Log	Support
Configuration File Download/ Upload Telnet/SSH	Support
Upgrade Firmware	Support
Security	Support managing channel configuration Support AAA/802/1X/MAC-Based/WEB-Based authentication Support DoS attack prevention Support dynamic ARP check Support DHCP Snooping Support IP Source Guard Support port Security Support port Isolation Support storm control
<b>Environment</b>	
Operating Temperature	-10°C+50°C

Storage Temperature	-40°C~+85°C
Relative Humidity	10%~90% (non-condensing)
Thermal Methods	Fan-less design, natural heat dissipation
MTBF	100,000 hours

**Mechanical Dimensions**

Product Size	220*161*44mm
Installation Method	Desk-top
Weight	0.97KG

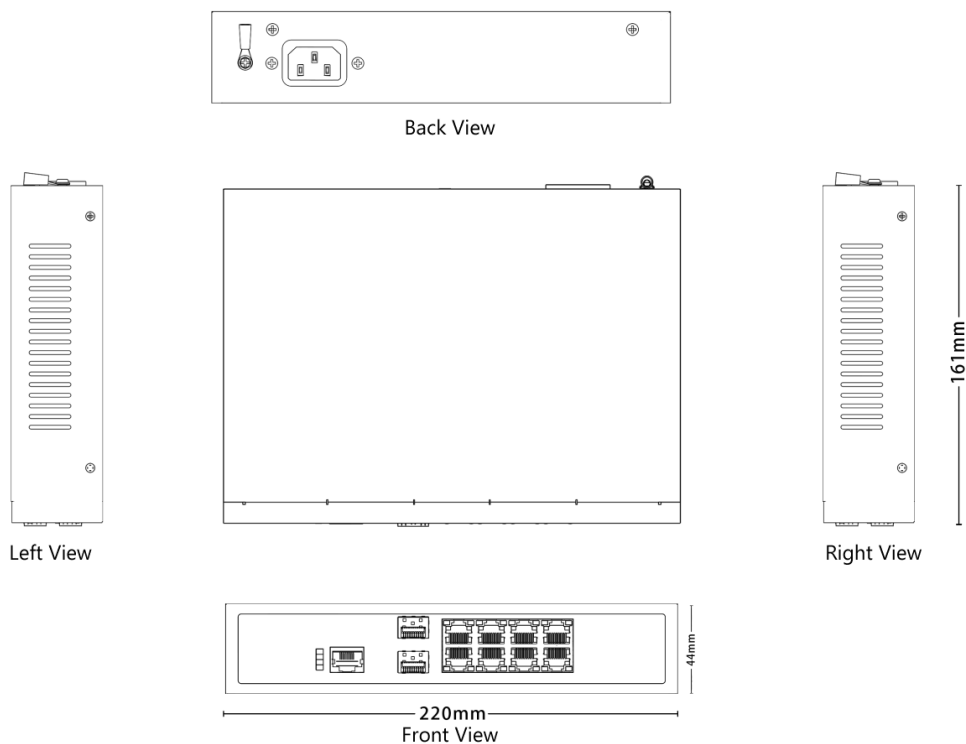
**EMC & Ingress Protection**

Surge Protection of Power	IEC 61000-4-5 Level 4 (6KV/2KV)
Surge Protection of Ethernet port	IEC 61000-4-5 Level 4 (4KV/2KV)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free Fall	0.5m

**Certificate**

Security Certificate	CE, FCC, RoHS
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**Dimension**



**Информация для заказа**

P/N	Description
OPL-SMM2+-G0208-Z	Layer 2+ Lite Managed Ethernet Switch 2x1000Base-X, 8x10/100/1000 Base-T