

OPL-SWM2+-GC0424-Z

Layer 3 Lite Managed Ethernet Switch 4x1000Mbps Combo(TP/SFP)

24x10/100/1000Base-T



Общие сведения

OPL-SWM2+-GC0424-Z - управляемый коммутатор 3-го уровня Lite с 24 адаптивными портами RJ45 10x10/100/1000 Мбит/с и оптическими интерфейсами Combo 4x1000 Мбит/с. Каждый порт RJ45 поддерживает функции автопереключения и переадресации на проводной скорости. Метод хранения и переадресации в сочетании с технологией QoS обеспечивает эффективное распределение полосы пропускания между портами 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 4*1000Mbps Combo (TP/SFP), 24*10/100/1000 Base-T

Management Port Support Console

Power Interface AC triangular seat

LED Indicators PWR, SYS, 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 ≤20W

Layer 2 Switching

Switching Capacity 56Gbps

Packet Forwarding Rate 41.616Mpps

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
Layer 3 Route	
IPV4 Management Address	Support
IPV6 Management Address	Support
Static Routes IPv4	Support 32
Static Routes IPv6	Support 32
ARP	Support
Loopback Interface	Support

DHCP Server	Support
DNS Server	Support
DNS Client	Support
Convergence & Equipment Diagnosis	
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
Management & Security	
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

Environment

Operating Temperature	-10°C+50°C
Storage Temperature	-40°C+70°C
Relative Humidity	10%~90% (non-condensing)
Thermal Methods	Fan-less design, natural heat dissipation
MTBF	100,000 hours

Mechanical Dimensions

Product Size	440*280*44mm
Installation Method	Rack mount
Weight	3.6KG

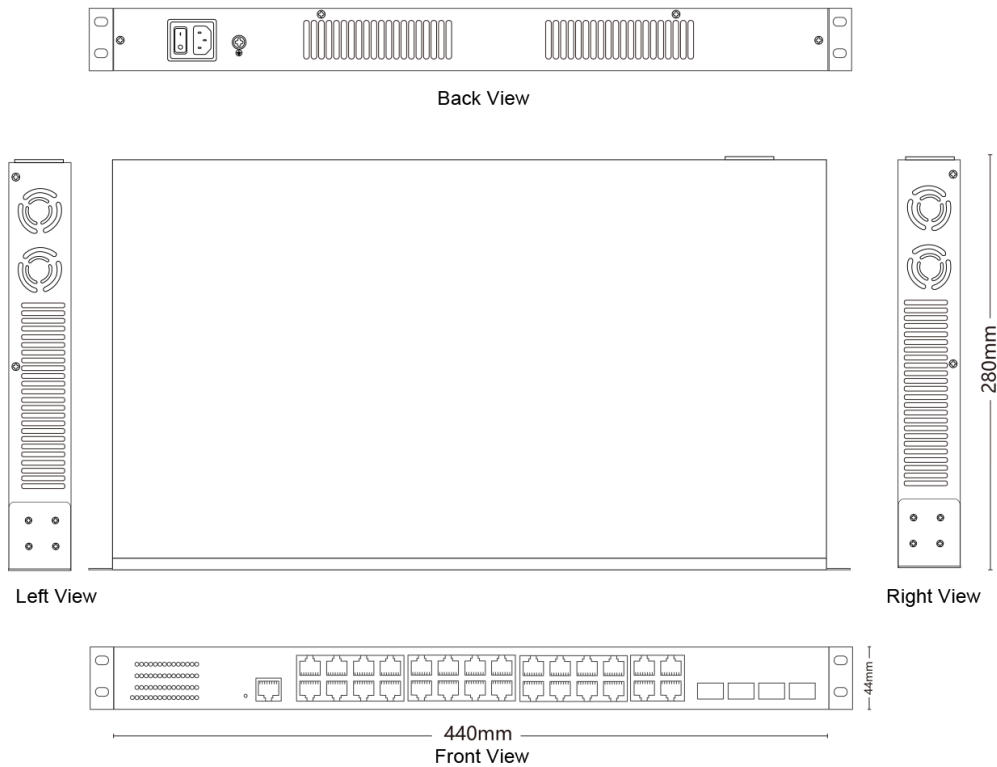
EMC & Ingress Protection

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

Модель	Описание
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