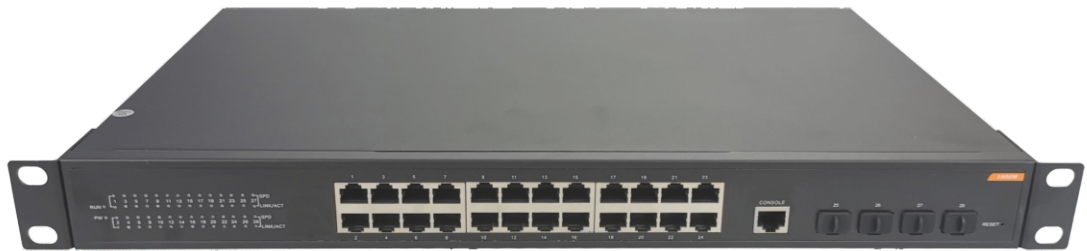


Layer 2 Managed Rack-mount Gigabit Optical Ethernet Switch 24*100/1000BASE-T Ethernet + 4*1000/10000Base FX SFP

← 24 →
1000M
Ethernet

← 4 →
1G/10G
SFP



Overview

VOSCOM VOS-MLR-24EG4XG Layer 2 Managed Optical Ethernet Switch provide 24*100/1000BASE-T Ethernet + 4*1000/10000Base FX SFP. Support VLAN division, port mirroring, and port rate limiting; Support broadcast storm suppression, flow control, and centralized management and configuration by WEB and SNMP.

VOS-MLR-24EG4XG Layer 2 Managed Optical Ethernet Switch effectively reduced the cabling cost and labor costs. The wide operating temperature range and port surge protection design are ideal for application in large flow environment, are widely used in industrial automation control and surveillance occasions like campus, community, rail traffic, electric power control and so on

Features

- 24* 1000Base T(X) ports + 4*1G /10G SFP ports
- Wire speed forwarding capability of all ports make sure of non-blocking message forwarding.
- Support loop detection and port+ MAC binding.
- Automatic MDI/MDI-X crossover for plug-and-play
- Support WEB visual interface, support SNMP management.
- Support full-loaded operating temperature range -20 to 70°C.
- No fan, low power consumption design.
- Support VLAN, support broadcast storm suppression.
- IP30 protection level.

Gigabit Ethernet Switches

Specification

• Ethernet

• Standards:

IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX/FX
IEEE802.3ab 1000BASE-T, IEEE802.3z 1000BASE-X
IEEE802.3x full-duplex flow control
IEEE 802.1p QoS
IEEE 802.1Q Tag VLANs
IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)
IEEE 802.1s MSTP (Multiple Spanning Tree Protocol)
IEEE 802.1x Network Authentication
Ring, IGMP, GMRP, Telnet, RMON, SNMPv1/v2/v3,
LLDP, SNTp, DHCP server, SSH, SSL, ACL, FTP, ARP

• Processing Type:

Store-and-forward, wire speed switching
Auto Negotiation
Half-duplex back-pressure and
IEEE802.3x full-duplex flow control
Auto MDI/MDIX

• Packet Buffer Memory:

1.5Mb

• VLAN number:

4K

• Address Table Size:

16K MAC addresses

• VLAN ID:

1~4096

• Switching Bandwidth:

480G

• Priority Queue:

4

• Packet forwarding Rate:

150Mpps

• Multicast Groups:

256

• Interface

• Ethernet Port:

24 * 10/100/1000Base-T,
RJ-45 Connector

• Optical Port:

4* 1G/10G SFP+

• Console Port:

RJ-45

• Electrical & Mechanical

• LED Indicators:

Ethernet (Per Port): Link/Activity, Speed
Fiber Port: Link/Activity
Power Port

• Power:

AC100V~240V
Power consumption: <50W
3-pin Plug Connector
Over-current, Over-voltage protection

• Mechanical:

Dimension(L*W*H): 440*291*44.4mm
Weight: 4kg
Installation: 19inch 1U Rack Mount

• Environment:

Operating Temperature: -20°C ~ +70°C
Storage Temperature: -45°C ~ +85°C
Relative Humidity: 5~95%, non-condensing

• Warranty :

MTBF: > 100,000 hrs
Warranty: 3 years

Gigabit Ethernet Switches

Ordering Information

Model Number	Description
VOS-MLR-24EG4XG	Layer 2 Managed Ethernet Switch 24*100/1000BASE-T Ethernet + 4*1000/10000Base FX SFP
Note: • The power supply of Industrial Ethernet Switch series need to be purchased separately. • If the device with SFP, the SFP need to be purchased separately. • Please feel free to consult factory for any special requirement and customization.	

Optional Accessories (to be purchased separately)

Accessory Model	Description
SFP Modules	SFP Option. Please select your SFP on our SFP Modules page at the back of the catalogue or our website: www.voscom.com for details.

Dimensions

