

MSG8424

24 BaseTX 4 SFP

L2 Management Ethernet Switch



Product Highlight :

- Flexible Port Configuration :
24 GE with 4 GE/SFP Combo
- Support L2 Management
- Dual Power Mode,
and Low Power Consumption
- Standard 19" 1U rack mount design
- Support CLI and Web Management
- Add-on Features :
POE/PSE, Fan Control, GPIO
- Tailor-made or Turnkey solution available

Our MSG8424 is an industrial Layer 2 network management switch, with maximum of 24 gigabit Ethernet ports and 4 optical port SFP or gigabit Ethernet combo. It supports Layer 2 static routing. The total switching capacity is as high as 56Gbps, can handle a large number of data forwarding.

Redundant Power Supply

It supports dual power mode of 1 way 100 – 240V AC input and 1 way 12V@3A DC input (optional). It is flexible for the use in wide range of industrial environment of power supplies.

User Friendly Web Management

The MSG8424 provides a user friendly web management system. The L3 management features can be easily accessed and configured through an Ethernet port.

Data Input and Output of Alarm System

There are two sets of data output, which can be set to alarm the output of switch power loss, port loss and port POE loss. There are two sets of data input, which can be used to detect the alarm signals of external alarms such as infrared detectors. Data inputs and outputs can be set on the web administration page.

Excellent Protection Ability, Able to Adapt to Harsh Environment

The use of industrial grade chipset and components allow the device working at temperature -40°C to 75°C without data loss. Lightning protection and electrostatic protection designs to meet the EMI and EMS international standards.

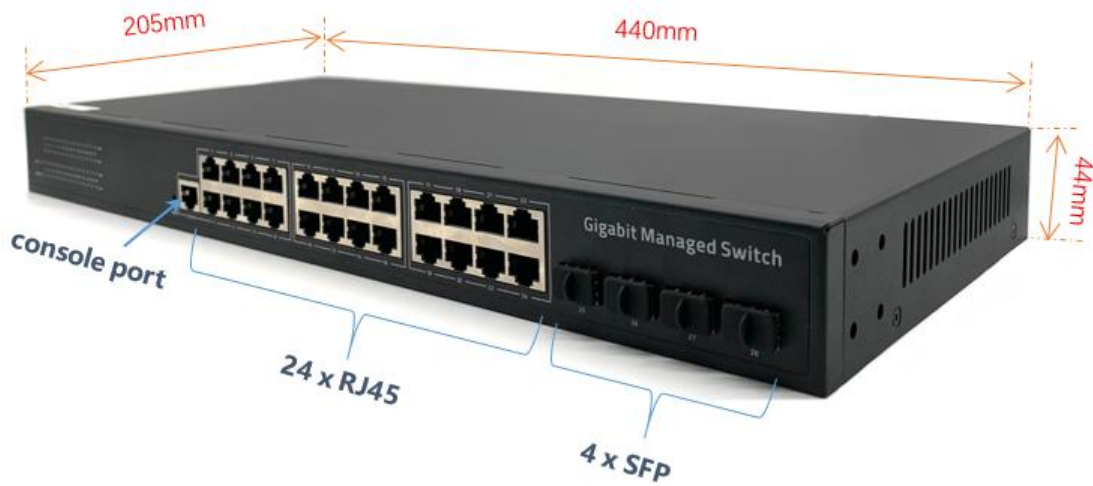
Hardware Specifications

Item	Detail
Ethernet Port	24 x 1000 Base-T RJ45
Optical Port	4 x SFP (can be modified to 4 x 1000 Base-T RJ45, or combo)
Control Port	1 x RJ45-R232 Serial Port (115200,8,N,1)
OOB Port	1 x 10/100 Base-TX RJ45 (only to web management)
Init Key	Press to Restart Press and Hold >5s to Default Recovery
Power	Dual Mode AC 100~240V 50/60Hz DC 12V3A
Power Consumption	36W
Data (Alarm) Input / Output	2 x Digital Input for external alarm 2 x Digital Output for the switch power failure cable link down & PoE link off Signal Type : normal-open or normal-closed from relay
Standard	IEEE802.3,IEEE802.3u,IEEE802.3ab,IEEE802.3Z, IEEE802.3X,IEEE802.1Q,IEEE802.1p, IEEE802.3ad,IEEE802.1D,IEEE802.1X
Exchange Capacity	56Gbps / non-blocking
Package Conversion Rate	95.2Mpps@64bytes
Exchange Mode	Store-and-Forward
Package Data Cache	4.1Mbit
MAC Address List	8k
Jumbo Frame	10k bytes
EMI	FCC Part 15, CISPR(EN55022) Class A
EMS	Surge level-4 execute : IEC61000-4-5 ESD level-4 execute : IEC61000-4-2 RS level-4 execute : IEC61000-4-3 EFT level-4 execute : IEC61000-4-4 CS level-3 execute : IEC61000-4-6 M/S level-5 execute: IEC61000-4-8
Operating Temperature	-40-75°C
Storage Temperature	-40-85°C
Size (L × W × H)	440mm × 205mm × 44mm
Weight	4kg
Identification	CE ,FCC,ROHS

Software specifications

- Support 802.1p COS/DSCP/TOS priority
- Support IGMP Snooping
- Support MLD-snooping
- Multicast VLAN Registration(MVR)
- Supports IP , MAC, port, VLAN binding combinations
- Support IPV4 static route setup
- Support static ARP Add,delete,burn-in time sutup/check
- Support group-broadcasting PIM,IGMPV1/V2/V3, MLD(IPV4)
- Support DHCP client
- Support relay repeter , DHCP snooping
- Support duplex tranfder check mechanism

Product Dimensions



Production Packaging

Item	Detail
Switch	1 pcs
Suspension Loop	2 pcs
AC Power Line	1 pcs
Package Size	500*275*85mm



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Order Information

Product Description
24 + 4 SFP L2 management Ethernet switch
24 ports L2 management Ethernet switch

Order Code
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