

## **AGS3424 Gigabit Ethernet Switch** 24x 1000BaseT GE with 4x SFP+ Switch L3 Management Ethernet Switch



### Product Highlight :

- Flexible Port Configuration :  
24 GE with 4 XGT/SFP+
- Support L3 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 AGS3424 is an industrial Layer 3 network management switch, with maximum of 24 gigabit Ethernet ports and 4 10 gigabit SFP+ optical ports and optional to XGT Ethernet ports. It supports Layer 3 static routing. The total switching capacity is as high as 128Gbps, can handle a large number of data forwarding.

### **Redundant Power Supply**

It supports dual power mode of 1 way 100 ~ 240V AC input and 2 ways 36 ~ 60V DC input (optional). It is flexible for the use in wide range of industrial environment of power supplies.

### **User Friendly Web Management**

The MSG9424 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 (Optional to model AGS3424P)**

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 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 10G Base-X RJ45)
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 1 x AC 100 ~ 240V 50/60Hz 2 x DC 36 ~ 60V
Power Consumption	30W
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	128Gbps / non-blocking
Package Conversion Rate	95.2Mpps@64bytes
Exchange Mode	Store-and-Forward
Package Data Cache	12Mbit
MAC Address List	16k
Jumbo Frame	12k 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	0 ~ 70°C
Storage Temperature	-10 ~ 85°C
Size (LxWxH)	440mm x 227mm x 45mm
Weight	45kg
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	1pcs
suspension loop	2pcs
AC power line	1pcs
Package Size	520*320*125mm



**Order Information**

Product Description  
24 + 4 SFP+ L3 management Ethernet switch

Order Code  
AGS3424