

New



# GSW-3224MP

24x GbE, RJ45+ 2 Dual Rate SFP  
L2 Managed PoE Switch

The GSW-3224MP is 24-port 10/100/1000M PoE + 2 Gigabit SFP/RJ45 Copper Combo Ports L2+ Full Managed Switch that is designed for small or medium network environment to strengthen its network connection. The 24 PoE ports support IEEE 802.3at/af PoE technology up to 30W per port and maximum 100m transmission distance. The switch equipped with AC to DC power module to support 450W power budget for PoE power. The added 2 SFP/RJ45 combo ports support 100M and Gigabit Fiber transceiver for long distance transmission. The switch also supports Layer 2+ full management software features. These features are powerful to provide PoE Control, Network Control, Management, Monitor and Security features' requests. It is the best choice to boost your network with better performance, efficiency and high PoE power consumption.

When the function called "PD alive check" is enabled, GSW-3224MP will detect a network PoE powered device (for example, an IP CAM) with a set of IP address periodically. If the switch doesn't get any replies from the network PoE powered device, GSW-3224MP will do a power cycle (PoE power OFF, and PoE power ON) to the port that connects the network PoE powered device, allowing that device to reboot. You can set the frequency of detecting, number of times of detecting, and the time period to perform power cycle when there's no reply via the switch's PoE configuration web page.

## Features

- 24-port 10/100/1000M PoE + 2 Gigabit SFP/RJ45 Copper Combo Ports
- IEEE 802.3at/af PoE, up to 30W per port
- Layer 2+ Full Managed Software Features with MSTP, LACP, LLDP, sFlow, 802.1X, TACACS+, and ACL
- DHCP Server/Relay/Snooping
- PD Alive Check
- Automatically adjust Fan speed function

## Specifications

Interface	
10/100/1000 Base-T	24
100/1000Base-X SFP & 1000M RJ45 Combo Port	2
Console Port for CLI Management	1
System Performance	
Packet buffer	4M bits
MAC Table size	8K
Switching Capacity	52Gbps
Forwarding Rate	38.688Mbps
PoE Features	
IEEE802.3 af/at	IEEE802.3af & IEEE802.3at
Number of PoE Ports	24
Max. Power Budget	450Watts
Max. System Power Consumption	70Watts
Max. Total Power Consumption	520Watts
External/Internal Power	Internal Power
Power Feeding Detecting Capability on PD	
PD Alive Check	
PD Classification	
Power Management (Per Port)	Enable/Disable PoE Per Port
	Priority Setting Per Port
	Power Level Setting Per Port
	Overloading Protection
L2 Features	
Auto-Negotiation	
Auto MDI/MDIX	
Flow Control (Duplex)	802.3x (Full)
	Back-Pressure (Half)

Spanning Tree	IEEE802.1D (STP)
	IEEE802.1W (RSTP)
	IEEE802.1S (MSTP)
VLAN	VLAN Group : 4K
	Tagged Based
	Port Based
	Voice VLAN : Voice VLAN with OUI
Link Aggregation	IEEE 802.3ad with LACP
	Static Trunk
	MAX. LACP Link Aggregation Group
IGMP Snooping	Max. Port Per Link Aggregation Group
	IGMP Snooping v1/v2/v3 : Supports 1024 IGMP groups
	IGMP Static Multicast Addresses : Supports 1024 Static Multicast addresses
	IPv6 MLD Snooping : Supports 1024 NLD group
	MLD Static Multicast Addresses : Supports 1024 Static Multicast addresses
	Querier Immediate Leave
Storm Control (Broadcast/Multi-cast/UnKnow Unicast)	
Jumbo Frame Support	9.6KB
Qos Features	
Number of Priority Queue	8 queue/port
Rate Limiting	Ingress : Yes, 1KBps/1pps
	Egress : Yes, 1KBps/1pps
Diffserv (RFC2474 Remarking)	
Scheduling (WRR, Strict, Hybrid)	
CoS	IEEE 802.1p
	IP Tos Precedence, IP DSCP

**Security**

Management System User Name/Password Protection

User Privilege Set User Privilege up to 15 level

Port Security (MAC-based)

IEEE 802.1x Port-based Access Control

ACL (L2/L3/L4)

IP Source Guard

RADIUS (Authentication, Authorization, Accounting)

TACACS+

HTTP &amp; SSL (Secure Web)

SSH v2.0 (Secured Telnet Session)

MAC/IP Filter

**Management**

Command Line Interface (CLI)

Web Based Management

Telnet

Access

Management SNMP/Web/SSH/Telnet

Filtering

Firmware Upgrade via HTTP

Dual Firmware Images

**Configuration Download/Upload**

SNMP (v1/v2c/v3)

RMON (1,2,3 &amp; 9 groups)

DHCP (Client/Relay/Option82/Snooping)

System Event/Error Log

NTP/LLDP

Cable Diagnostics

IPv6 Configuration

Port Mirroring One to One or Many to One

**Mechanical**

Power Input 100~240VAC

Dimension 44 x 440 x 331mm (H x W x D)

LED Power, PoE, Link/Act, SFP

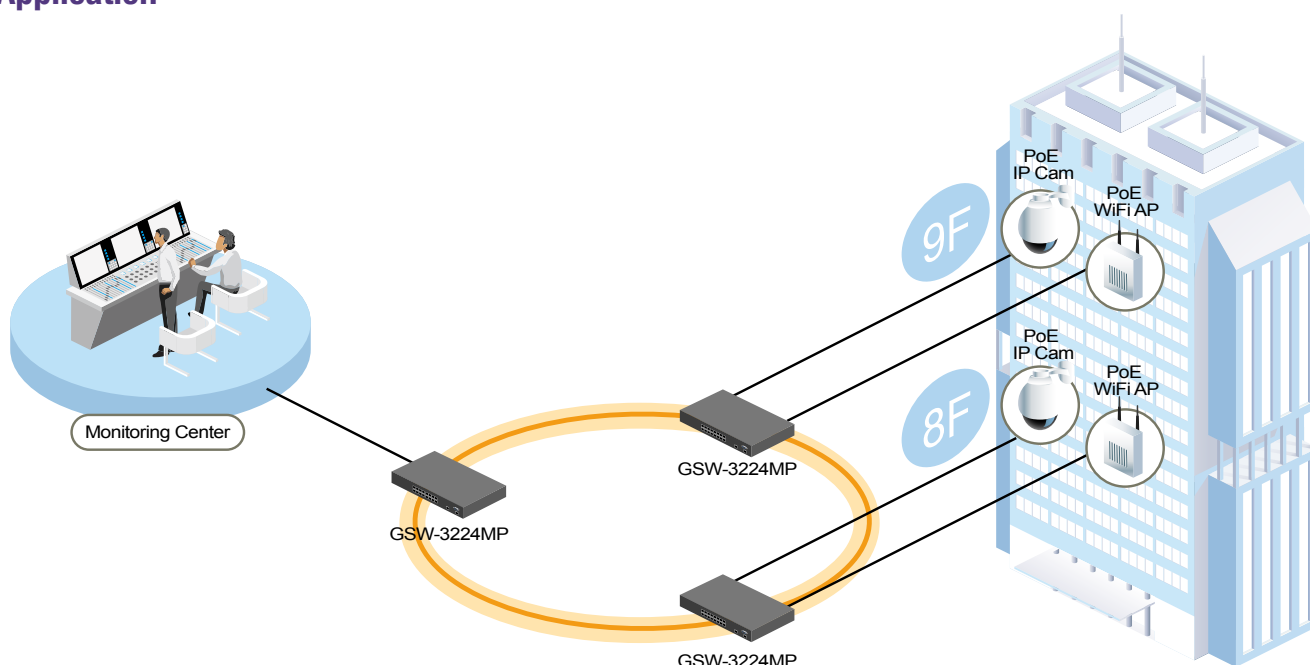
Operating Temperature 0~45°C

Storage Temperature -20~80°C

Operating Humidity 5~90% (non-condensing)

Weight 4.8kg

Certification VCCI, CE, FCC Class A

**Application****Ordering Information**

Model Name	Description
GSW-3224MP	24 ports 10/100/1000Base-T + 2 ports GbE Combo (SFP or RJ45) L2+ Managed PoE Switch