

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

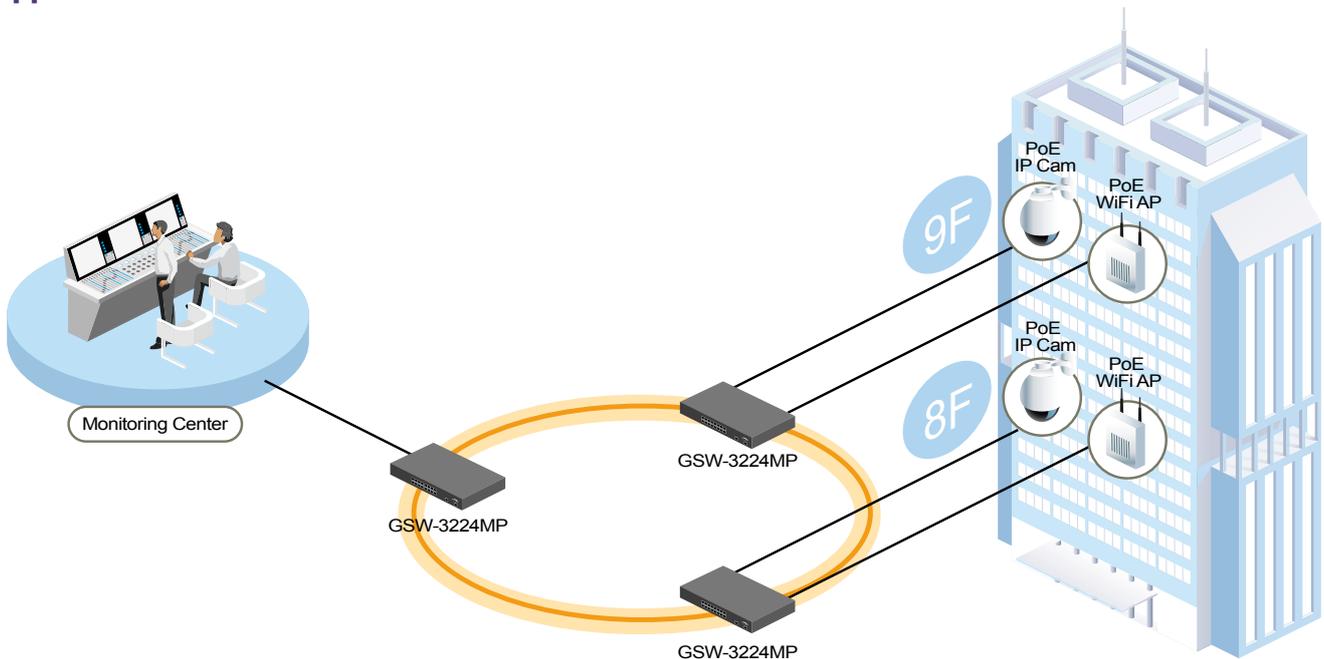
Interface	
10/100/1000 Base-T	24
100/1000Base-X SFP & 1000M RJ45 Combo Port	2
Console Port for CLI Management	1
System Performance	
Packet buffer	4M bits
MAC Table size	8K
Switching Capacity	52Gbps
Forwarding Rate	38.688Mbps
PoE Features	
IEEE802.3 af/at	IEEE802.3af & IEEE802.3at
Number of PoE Ports	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 Max. Port Per Link Aggregation Group
IGMP Snooping	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 & 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 & 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