L2+ Managed PoE Switch

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GSW3208MP-1

CTC union

8 × GbE/RJ45 + 2 × 1G/SFP with 8 × PoE+ (180W)
L2+ Managed Switch

CTC Union Technologies unveils the enhanced version of cost-effective high performance managed power over Ethernet switch, GSW3208MP-1, which is equipped 8 GbE/RJ45 ports and 2 GbE SFP slots. Each Ethernet copper port complies with IEEE 802.3at standard to supply 30W power injection maximum. It's designed for small and medium business network deployment for office applications such as PoE powered IP telephony, WiFi access and IP surveillance.

It is featured completely L2 switch functionality which guarantees high network availability, secured robust network access and comprehensive QoS in the network edge. Also, the GSW3208MP-1 can be managed by CTC in-house developed Smartview EMS, which offers a user-friendly and centralized device management platform. It makes the administrators be able to monitor and configure the switches remotely.

Features

- 8 × RJ45/PoE+ ports with 180W power budget totally
- Cable diagnostics to test UTP cable or determine broken point distance
- Text based CLI configuration download and upload

- Advanced PoE management
  - PoE PD failure auto check and reset if PD failed
  - PoE port on/off scheduling
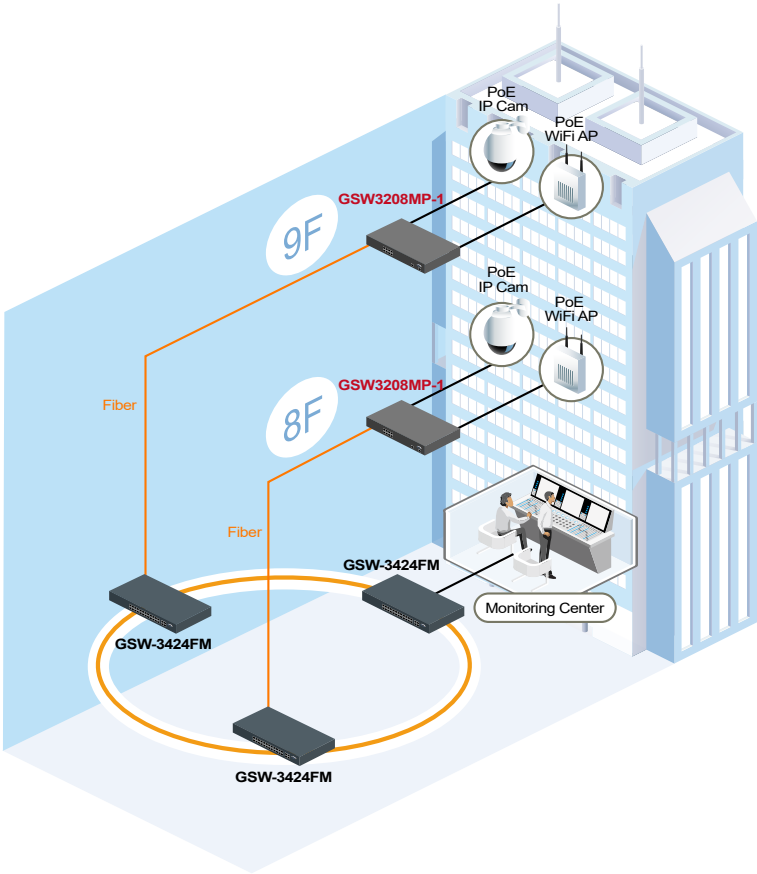 - PoE configuration for power planning

Specifications

Interface	Fiber port: 2x 100/1000Base-X SFP	
	Copper port: 8x 10/100/1000Base-T RJ45	
	Console port: 1x RS-232 in RJ45	
PoE Power Budget	180W	
Switching Fabric Capacity	20Gbps	
Packet Forwarding Rate	14880pps	@10Mbps
	148800pps	@100Mbps
	1488000pps	@1000Mbps
Transmission Method	Store and Forward Switching	
Packet Buffer	4M bits	
MAC Table Size	8K	
Jumbo Frame Size	9600 Bytes	
VLAN Feature	IEEE 802.1Q tagged VLAN (4K VLAN groups), IEEE 802.1ad QinQ VLAN, Voice VLAN	
	MAC based VLAN, Protocol based VLAN, IP subnet based VLAN, Private VLAN for port isolation	
	VLAN translation, GVRP (GARP VLAN registration protocol)	
Link Aggregation	Static trunk (SA, DA, IP, TCP/UDP port), IEEE 802.3ad LACP	
	5 LACP trunk groups Max; 8-port Max. per LACP trunk group	
L2 Switching Protection	IEEE 802.1D STP/IEEE 802.1w RSTP/IEEE 802.1s MSTP, Loop Protection	
QoS Feature	Hard wired IEEE 802.1p 8 priority queues per port, Traffic scheduling based on strict/WRR priority	
	CoS based traffic classification on switch port, VLAN ID, DSCP, TCP/UDP port	
	IEEE 802.1p priority tag remarking, DSCP remarking	
	Per port/queue based ingress/egress rate limit in steps of 100kbps	
	IEEE 802.3x flow control, Multicast/Broadcast/Unicast storm control with flooding control	

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Security	Static port security (MAC based), Per port limited MAC learning
	Port based/MAC base/single/multiple IEEE 802.1x access control
	256 ACL rules based on L2~L4 information, RADIUS/TACACS+ authentication, HTTPs & SSH v2
	IP/MAC binding, IP source guard & ARP inspection
IP Multicasting	IGMP snooping v1/v2/v3, IGMP proxy, MLD snooping v1/v2, IGMP fast leave
	IGMP query, IGMP filtering/throttling, MVR (Multicast VLAN Registration)
Management	WebGUI/Telnet CLI interface, SNMP v1/v2c/v3, RMON I (1,2,3,9 groups), RFC1213 MIB II, Private MIB
	DHCP client/snooping/relay option 82, TFTP/HTTP based firmware and configuration upgrade
	Port mirroring, Event syslog server, DNS client/proxy, NTP client, UPnP
	IPv4/IPv6 management, SFF-8472 DDMI, IEEE 802.1ab LLDP
Advanced PoE Management	PoE PD failure auto check and reset if PD failed, PoE port on/off failure, PoE port enable/disable
	Power limit by PD classification, Totally PoE power budget limitation (180W maximum), Power feeding priority
Power Input	AC power input (100~240V)
Power Consumption	228 Watts @ PoE full load
Operating Temperature	0~50℃
Storage Temperature	-25~70℃
Humidity	5%~95% (non-condensing)
Dimension	290 × 140 × 43.8 mm (W×D×H)
Certification	CE, FCC class A

Application

Ordering Information

Model Name	Description
GSW3208MP-1	8 × GbE/RJ45, PoE+ + 2 × GbE SFP L2+ Managed PoE Switch