CTC union

GSW3208MP-1

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

The GSW3208MP-1 is the enhanced version of cost-effective high performance managed power over Ethernet switch, which is equipped 8 GbE/RJ45 with IEEE 802.3at standard 30W power injection per port and 2 GbE SFP slots. It's designed for enterprise network deployment for office applications such as PoE powered IP telephony, WiFi access and IP surveillance. The GSW3208MP-1 support a wide variety of L2+ feature sets and included the advanced PoE management functions. Additionally, the GSW3208MP-1 can be managed by CTC in-house developed Smartview Element Management System, which offers a user-friendly and centralized device management platform that make the administrators be able to monitor and configure the deployed switches remotely.
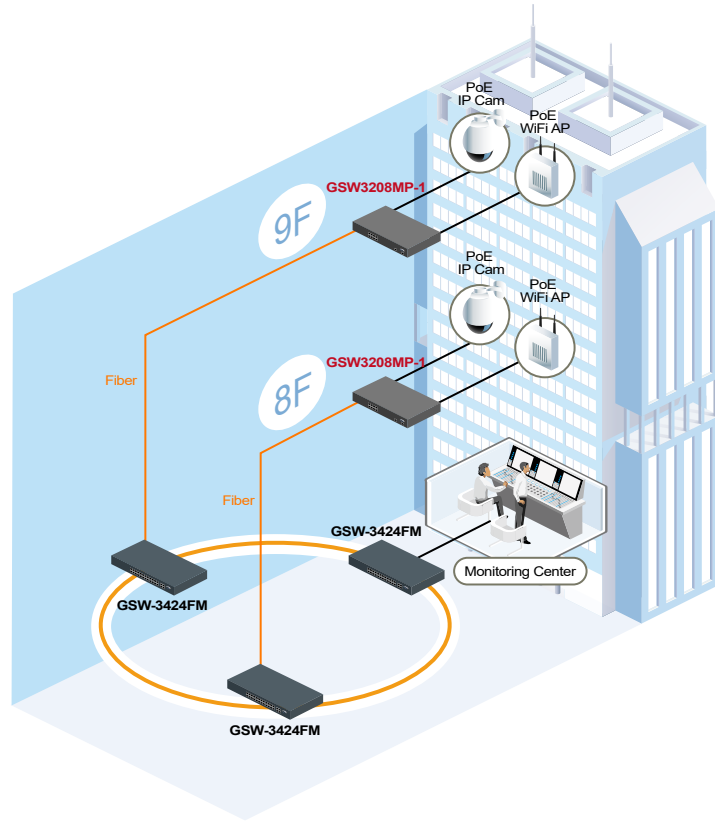
Features

- 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: 100M/1Gbps SFP ×2
	Copper port: 10M/100M/1Gbps RJ45 ×8
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
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 reporting 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/relay/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)
Operating temperature	0~50 degree C
Storage temperature	-25~70 degree C
Humidity	5%~95% (non-condensing)
Dimension	290 × 140 × 43.8 mm (W×D×H)
Certification	CE, FCC class A

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Specifications & design are subject to change without prior notice. Please visit CTC Union website for more details.   www.ctcu.com / sales@ctcu.com

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Application

Ordering Information

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