



# GSW-4208CM

8× GbE/RJ45 + 2× 1G/10G SFP+  
L2+ Managed Ethernet Switch

The new generation L2+ managed Ethernet switch, GSW-4208CM, is designed for SMB and FTTH networks. The 10G uplink ports relieve the insufficiency of Gigabit links for new demanding bandwidth consumption applications such as 4K UHD video streaming, WiFi-6 network and cloud service access in the enterprise and SOHO environment.

## Full Layer 2+ Management Features

The GSW-4208CM is equipped with 8 Gigabit RJ45 ports and 2 1G/10G SFP+ based fiber optics ports. It is also a feature complete L2+ switch which guarantees high network availability, robust network access and security, as well as comprehensive QoS in the network edge. It will deliver the benefits of optimal traffic transportation performance and lower ownership cost while maintaining simple network deployment.

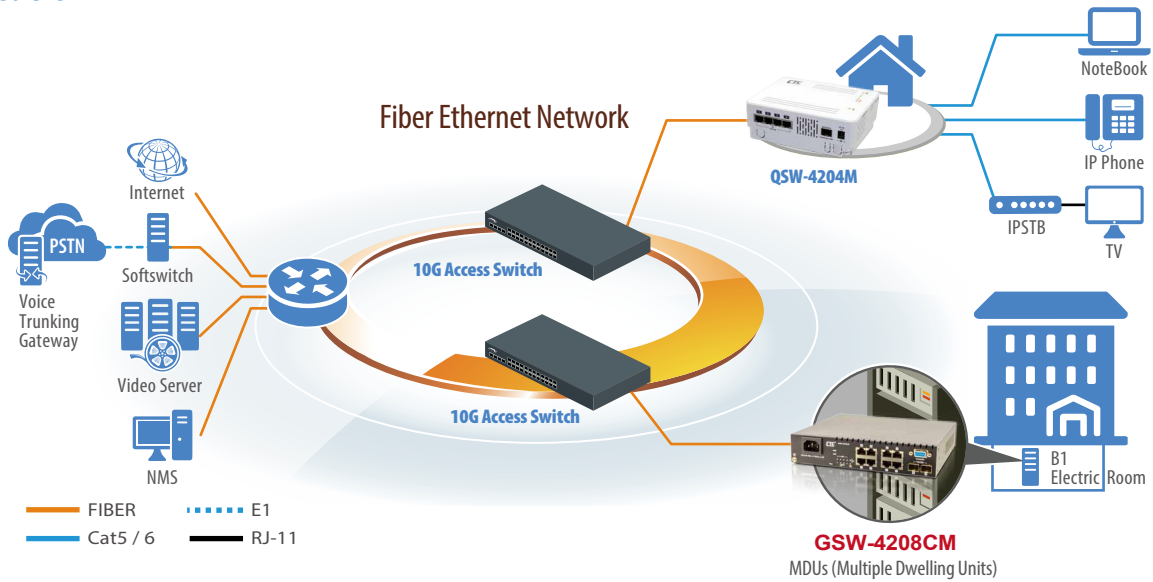
## Features

- 8-port GbE RJ45 + 2-port 1G/10G SFP+ uplink slot
- Supports 10240 Bytes jumbo frame
- Supports dying gasp
- Supports Cisco® like CLI

## Specifications

<b>Interface</b>	fiber port: 1G/10Gbps SFP+ × 2 Copper port: 10M/100M/1G RJ45 × 8	<b>IP Multicasting</b>	IGMP snooping v1/v2/v3, IGMP proxy reporting MLD snooping v1/v2 IGMP fast leave IGMP query IGMP filtering/throttling MVR (Multicast VLAN Registration)
<b>Switching Fabric Capacity</b>	68Gbps	<b>Management</b>	WebGUI/Telnet CLI interface SNMP v1/v2c/v3 RMON I (1,2,3,9 groups) & RFC1213 MIB II Dying gasp in trap message DHCP client/relay/snooping/relay option 82 TFTP/HTTP based firmware and configuration upgrade Port mirroring Event syslog server DNS client/proxy DHCP auto provisioning (option 55/60/66/67/254) NTP client UPnP IPv4/IPv6 management SFP-8472 DDMI IEEE 802.1ab LLDP
<b>Packet forwarding rate</b>	14880pps @10Mbps 148800pps @100Mbps 1488000pps @1000Mbps 3720000pps @2500Mbps	<b>Power Input</b>	AC power input (100~240V) ; -36 ~ -60 DC power input
<b>Transmission Method</b>	Store and Forward Switching	<b>Operating Temperature</b>	0~50 degree C
<b>Packet buffer</b>	8M bits	<b>Storage Temperature</b>	-25~70 degree C
<b>MAC table size</b>	16K	<b>Humidity</b>	5%~95% (non-condensing)
<b>Jumbo frame size</b>	10240 Bytes	<b>Dimension</b>	215 × 190 × 44 mm (WxDxH)
<b>VLAN feature</b>	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)	<b>Certification</b>	CE, FCC class A
<b>Link aggregation</b>	Static trunk (SA, DA, IP, TCP/UDP port) IEEE 802.3ad LACP, 5 LACP trunk groups Max, 8 port Max. per LACP trunk		
<b>L2 switching protection</b>	IEEE 802.1D STP/IEEE 802.1w RSTP/IEEE 802.1s MSTP Loop Protection		
<b>QoS feature</b>	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		
<b>Security</b>	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		

## Application



## Ordering Information

Model Name	Description
GSW-4208CM-AC	8x GbE RJ45 + 2x 1G/10G SFP+ slots Managed Ethernet Switch with single AC power supply
GSW-4208CM-DC	8x GbE RJ45 + 2x 1G/10G SFP+ slots Managed Ethernet Switch with single DC power supply (-48V)
GSW-4208CM-AA	8x GbE RJ45 + 2x 1G/10G SFP+ slots Managed Ethernet Switch with 2x AC power supply
GSW-4208CM-DD	8x GbE RJ45 + 2x 1G/10G SFP+ slots Managed Ethernet Switch with 2x DC power supply (-48V)
GSW-4208CM-AD	8x GbE RJ45 + 2x 1G/10G SFP+ slots Managed Ethernet Switch with AC + DC power supply