GSW-4208CM

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

CTC Union Technologies unveils the L2+ managed Ethernet switch, GSW-4208CM, which is positioned as low port count density switch but supports 10G fiber uplink connectivity. It is aimed at the small & medium business market segment and MDU (Multiple Dwelling Unit) of FTTH deployment. It is equipped with 8 Gigabit RJ45 ports and 4 10G SFP+ slots. It will deliver the benefits of optimal traffic transportation performance and lower ownership cost while maintaining the network deployment simply.

The GSW-4208CM Ethernet switch provides VLAN, QoS and IGMP L2 feature sets as well as robust security management to facilitate service provider and MIS team of enterprise build out of a manageable and secure Ethernet access network rapidly. The redundant power design can increase the high network availability due to the power supply outage unpredictably.

▌Specifications

Interface	Copper port: 10/100/1000Base-T RJ45 × 8 Uplink port: 1000Base-X SFP slot × 2 Console port: RS-232 in DB-9 × 1
Switching Fabric Capacity	56Gbps
Packet Forwarding Rate	14880pps @10Mbps 148800pps @100Mbps 1488000pps @1000Mbps 14880000pps @10Gbps
Transmission Method	Store and Forward Switching
Packet Buffer	8M bits
MAC Table Size	16K
Jumbo Frame Size	10240 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+ AAA; 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/snooping/relay option 82; TFTP/HTTP based firmware and configuration upgrade; Port mirroring; RSPAN; Event syslog server; DNS client/proxy; NTPv4 client; UPnP; IPv4/IPv6 management; SFF-8472 DDMI; IEEE 802.1ab LLDP; Text based CLI configuration download and upload; Dying gasp in SNMP trap message
Power Input	AC power input (100~240V) ; -18~-72VDC
Operating Temperature	0~50°C

Storage Temperature	-25~70℃
Humidity	5%~95% (non-condensing)
Dimension	250 × 117 × 43.8 mm (W×D×H)
Certification	CE, FCC class A

Application
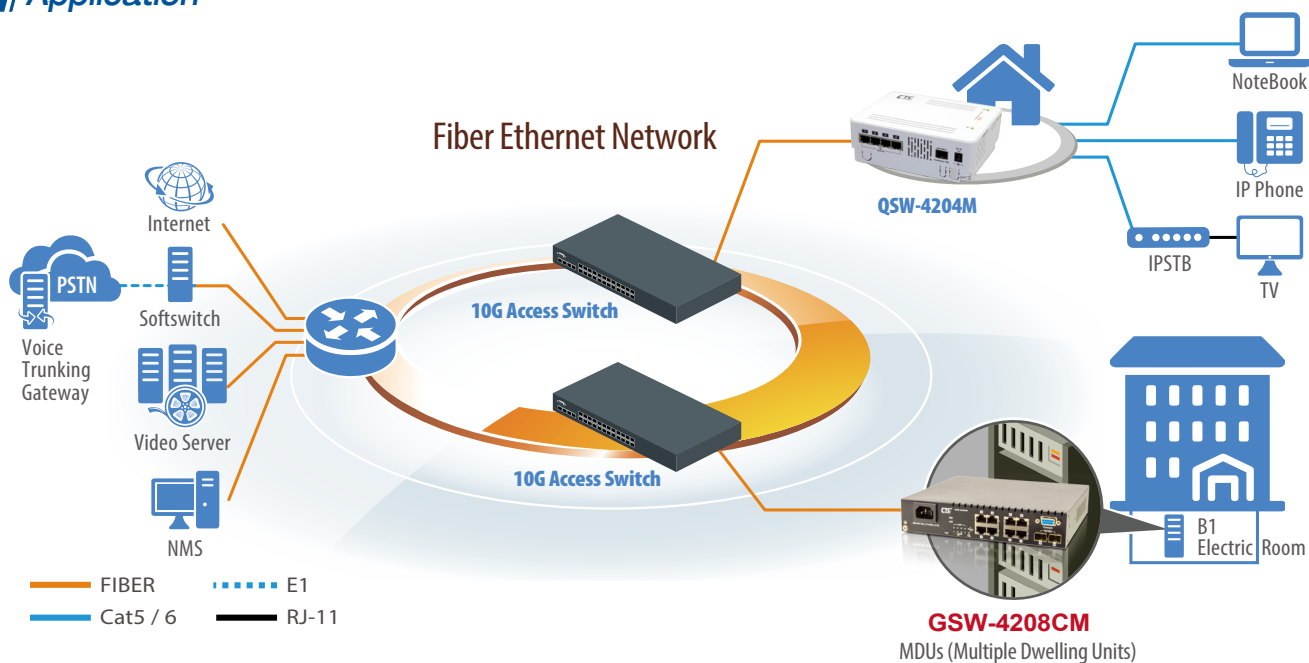
Ordering Information

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