

NEW

XGS-1208M

8 × GbE RJ45 + 12 × 10G SFP+
L2+ Managed 10G Ethernet Switch

CTC Union Technologies unveils the brand-new gear to enable 10Gbps speed for fiber Ethernet interfaces. The XGS-1208M is designed to enable the application for aggregation network or core switching and connection in the enterprise network. It is equipped 8 ports GbE RJ45 and 12 ports 10G SFP+ slot in high performance switching and wire speed connectivity to boost the connection efficiency among servers, workstations and other facility insides the office or campus.

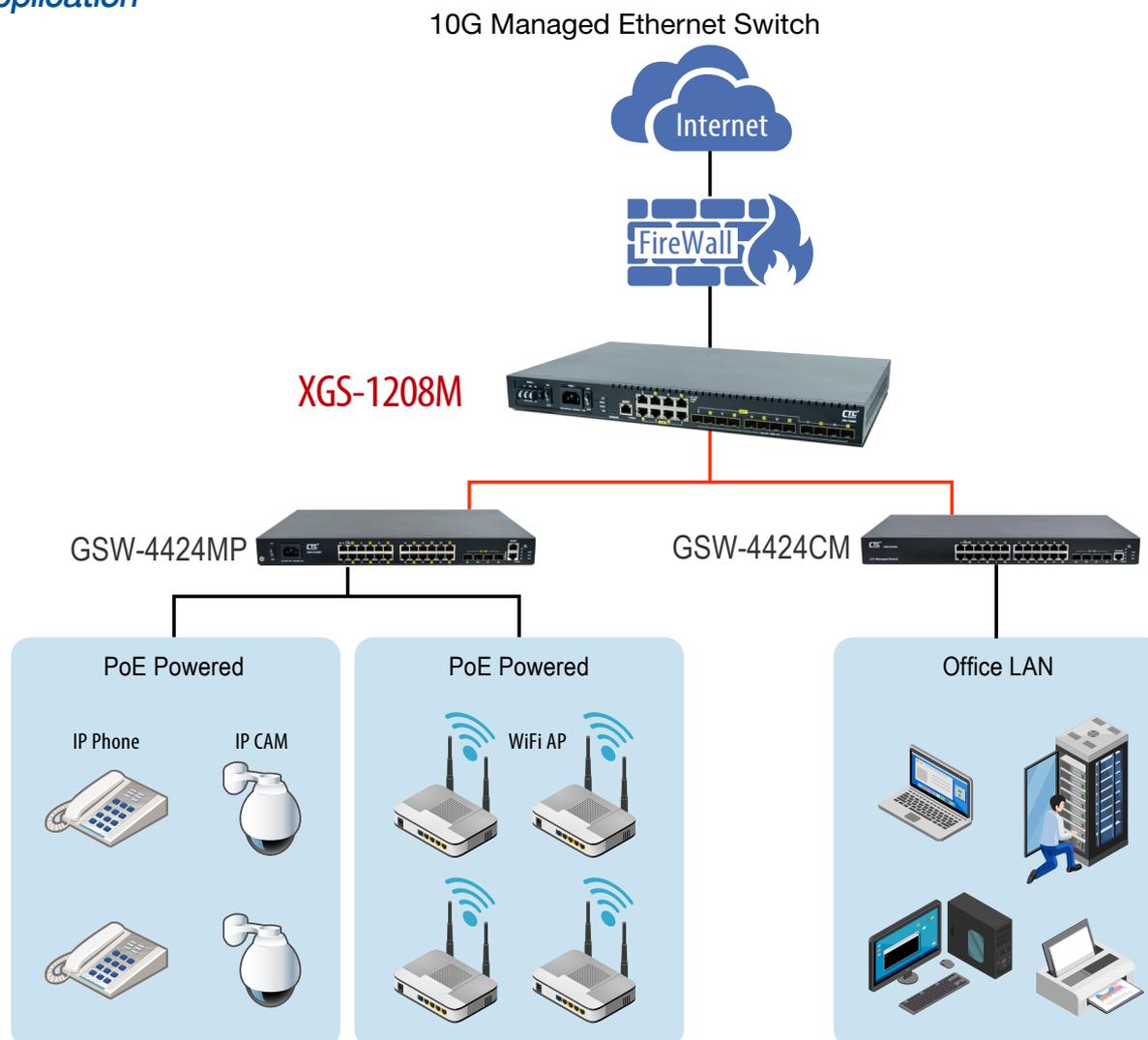
The XGS-1208M is featured robust L2 switching functionality such as VLAN, port trunking, QoS, span tree protocol and IGMP multicast service. The hard-wired based ACL enabled the secured network access and traffic transportation as network administrator desired to reduce the risks of unauthorized or illegal intruders. The diversified management interfaces via Web GUI, Telnet and SNMP offer friendly and ease-to-use as well as secured remotely management in traffic encrypted or isolated.

// Specifications

Interface	Fiber port: 10G SFP+ × 12 Copper port: 10/100/1000Mbps RJ45 × 8 Console port: RS-232 in USB type C
Packet Forwarding Rate	14880pps @10Mbps 148800pps @100Mbps 1488000pps @1000Mbps 14880000pps @10Gbps
Switching Fabric Capacity	256Gbps
Transmission Method	Store and Forward Switching
Packet Buffer	32M bits
MAC Table Size	32K
Jumbo Frame Size	10K 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
Link Aggregation	Static trunk (SA, DA, IP, TCP/UDP port) IEEE 802.3ad LACP, IEEE 802.1AX, 8 port Max. per LACP trunk, 10 LACP trunk groups Max,
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; IEEE 802.1Qbb priority based full-duplex 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; 512 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; DHCP client/relay/snooping/relay option 82; TFTP/HTTP based firmware and configuration upgrade; Port mirroring; RSPAN; Event syslog server; DNS client/proxy; NTP client; UPnP; IPv4/IPv6 management; SFF-8472 DDMI; IEEE 802.1ab LLDP
Power Input	AC power input (100~240V) ; -36 ~ -60 DC power input
Power Consumption	< 100W
Operating Temperature	0~50 °C

Storage Temperature	-25~70 °C
Humidity	5%~95% (non-condensing)
Dimension	440 × 280 × 43.5 mm (WxDxH)
Certification	CE, FCC class A

// Application



// Ordering Information

Model Name	Description
XGS-1208M-AC	8 × GbE RJ45 + 12 × 10G SFP+ slots Managed Ethernet Switch with single AC power supply
XGS-1208M-DC	8 × GbE RJ45 + 12 × 10G SFP+ slots Managed Ethernet Switch with single DC power supply (-48V)
XGS-1208M-AA	8 × GbE RJ45 + 12 × 10G SFP+ slots Managed Ethernet Switch with dual AC power supply
XGS-1208M-DD	8 × GbE RJ45 + 12 × 10G SFP+ slots Managed Ethernet Switch with 2 × DC power supply (-48V)
XGS-1208M-AD	8 × GbE RJ45 + 12 × 10G SFP+ slots Managed Ethernet Switch with AC + DC power supply