XGS-1208M

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



With anticipating AI-driven applications era is coming in the near future, every kind of appliance will be triggered to internet ready capability as it is aimed at the smart device. No matter that the enterprise or mission-oriented park such as hospital, manufacturing or campus etc. as well as SMB, they all have to keep the room and flexibility to expand the network capacity for increasing traffic from server, wireless access and IoT gears.

When XGS-1208M is adopted in the access network deployment, it offers up to 12 10G fiber ports for highly extendable and easy installation features. It also can be used as the network expansion as connecting to the 10G fiber aggregation layer network. The business or telecom service provider can leverage XGS-1208M to provision 10Gbps speed migrated backbone network for multiple access and fulfilling versatile application scenarios.

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. Also, the adaptive fan speed control design delivers the noise suppression operation as silent as possible by detecting the traffic load in real time.

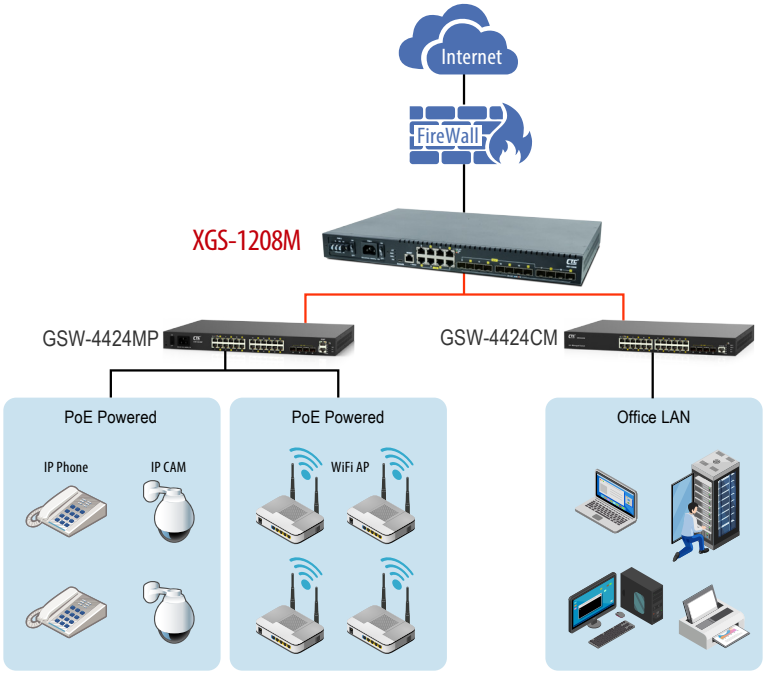
Specifications

Interface	Fiber port: 12x 10G SFP+	
	Copper port: 8x 10/100/1000Base-T RJ45	
	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, GVRP	
Link Aggregation	Static trunk (SA, DA, IP, TCP/UDP port)	
	IEEE 802.3ad LACP, IEEE 802.1AX, 8 port Max. per LACP trunk group; 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, 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/snooping/relay option 82, TFTP/HTTP based firmware and configuration upgrade
	Port mirroring, RSPAN, Event syslog, DNS client/proxy, NTP client, UPnP
	IPv4/IPv6 management, SFF-8472 DDMI, IEEE 802.1ab LLDP
Power Input	100~240VAC ; 36~60VDC
Power Consumption	38.4 Watts Max.
Operating Temperature	0~50 ℃
Storage Temperature	-25~70 ℃
Humidity	5%~95% (non-condensing)
Dimension	440 × 280 × 43.5 mm (W×D×H)
Certification	CE, FCC class A

Application

10G Managed Ethernet Switch



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 Dual DC power Supply (-48V)
XGS-1208M-AD	8 × GbE RJ45 + 12 × 10G SFP+ Slots Managed Ethernet Switch with AC + DC Power Supply

Optional Accessories

■ 10G SFP+ Transceiver Module

Model Name	Description
SFM-1000-SR85	10G SFP+ SR/SW MMF 300m, 850nm VCSEL, 10G Ethernet/FC/SDH/SONET
SFS-1010-LR31	10G SFP+ LR/LW SMF 10km, 1310nm DFB DML, 10G Ethernet/FC/SDH/SONET
SFS-1040-ER55	10G SFP+ ER/EW SMF 40km, 1550nm DFB EML, 10G Ethernet/FC/SDH/SONET
SFS-1080-ZR55	10G SFP+ ZR/EW SMF 80km, 1550nm DFB EML, 10G Ethernet/FC/SDH/SONET