CTC

NEW

XGS-1208M

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

CTC Union Technologies unveils a brand-new product that enables 10Gbps speed for fiber Ethernet interfaces. The XGS-1208M is designed to enable applications for aggregate networks or core switching and connections in an enterprise network. It is equipped with 8 ports GbE RJ45 and 12 ports 10G SFP+ slot with high performance switching and wire speed connectivity to boost the connection efficiency among servers, workstations and other facilities inside of offices or campus.

The XGS-1208M features robust L2 switching functionality such as VLAN, port trunking, QoS, span tree protocol and IGMP multicast service. The hard-wired based ACL enables secure network access and traffic transportation that network administrators desire, reducing the risks of unauthorized or illegal intruders. The diverse management via Web GUI, SSH and SNMP, offer friendly and ease-to-use interfaces, as well as secure remote management with traffic encryption.
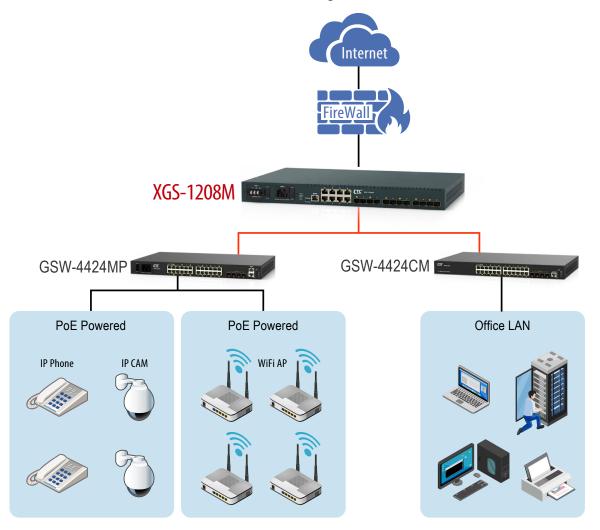
Specifications

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+ 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
	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

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

10G Managed Ethernet Switch

XGS-1208M

GSW-4424MP   GSW-4424CM

| PoE Powered | PoE Powered | Office LAN |
| IP Phone   IP CAM | WiFi AP | |

Ordering Information

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

L2+ Managed Ethernet Switch XGS-1208M