

GSW-3208M2

L2+ Gigabit Ethernet Switch

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



CTC Union Technologies unveils the layer 2 managed switch solution for high speed connectivity, GSW-3208M2, which supports popular traffic priority and management capabilities for small and medium businesses. It features 8-port 10/100/1000Base-T RJ45 and 2-100/1000Base-X SFP based fiber optics. More and more corporations are adapting new IT technologies over the network such as voice over IP, video conference to improve productivity and save operation expenditure.

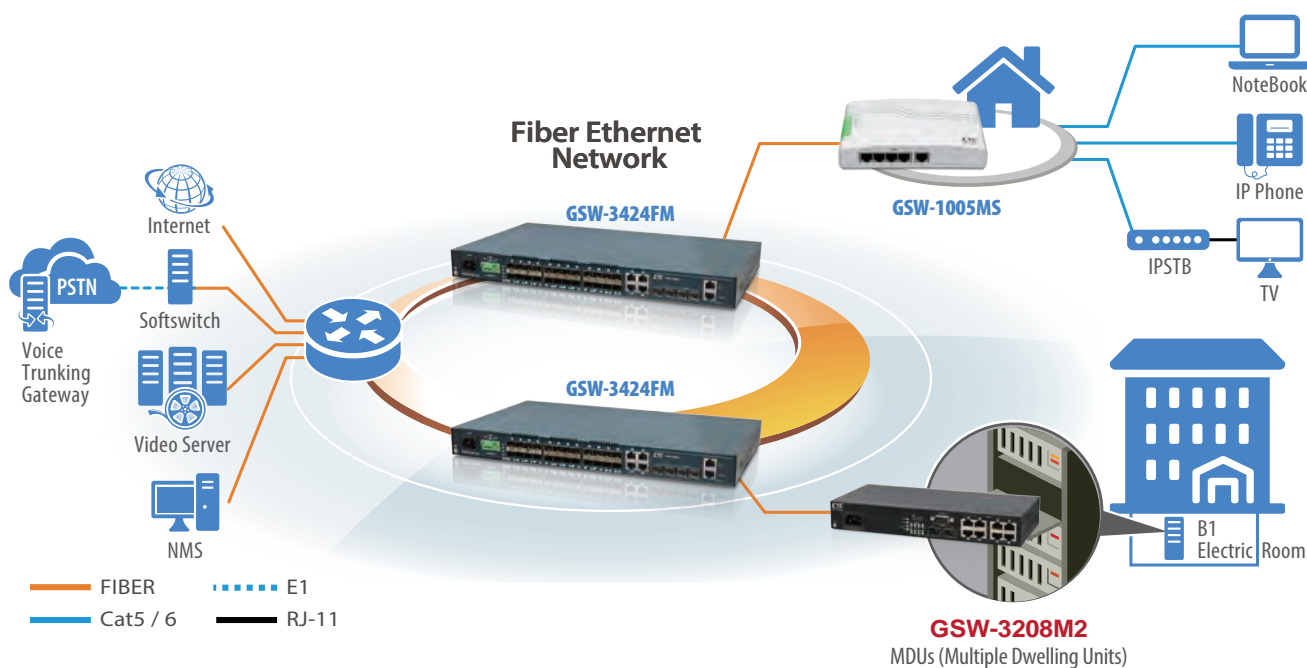
The GSW-3208M2 is designed with a high-performance switching architecture and offers wire-speed transportation capability for bandwidth-intensive applications of enterprises. It provides VLAN, QoS and IGMP L2 feature sets as well as robust security management to facilitate service provider and MIS team of enterprise build out of a manageable and secure Ethernet access network rapidly. The optionally redundant power design can increase the high network availability due to the power supply outage unpredictably.

Specifications

Interface	Fiber port: 2x 100/1000Base-X SFP Copper port: 8x 10/100/1000Mbps RJ45 Console port: RS-232 in D-Sub 9	
Packet Forwarding Rate	14880pps	@10Mbps
	148800pps	@100Mbps
	1488000pps	@1000Mbps
Transmission Method	Store and Forward Switching	
Packet Buffer	4M bits	
MAC Table Size	8K	
Jumbo Frame Size	9600 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+ Authentication, 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	
	Dying gasp in SNMP trap message, DHCP client/snooping/relay option 82	
	TFTP/HTTP based firmware and configuration upgrade, Port mirroring, Event syslog server	
	DHCP auto provisioning with option 60/66/67/254	
	NTP client, UPnP, IPv4/IPv6 management, SFF-8472 DDMI, IEEE 802.1ab LLDP	

Power Input	100~240VAC ; 18~60VDC
Power Consumption	7.08 Watts Max.
Operating Temperature	0~50°C
Storage Temperature	-25~70°C
Humidity	5%~90% (non-condensing)
Dimension	250 x 117 x 43.8 mm (WxDxH)
Certification	CE, FCC class A

Application



Ordering Information

Model Name	Description
GSW-3208M2-AC	8 × 10/100/1000Base-T RJ45 + 2 × GbE SFP Slot L2 Managed Switch with AC Power Supply
GSW-3208M2-DC48	8 × 10/100/1000Base-T RJ45 + 2 × GbE SFP Slot L2 Managed Switch with DC 48V Power Supply

Optional Accessory

▪ Rack Mount Kit

Model Name	Description
GSW/MSW-RMK	19" rack mount kit