2 GSW-3208M2

CTC° union

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.
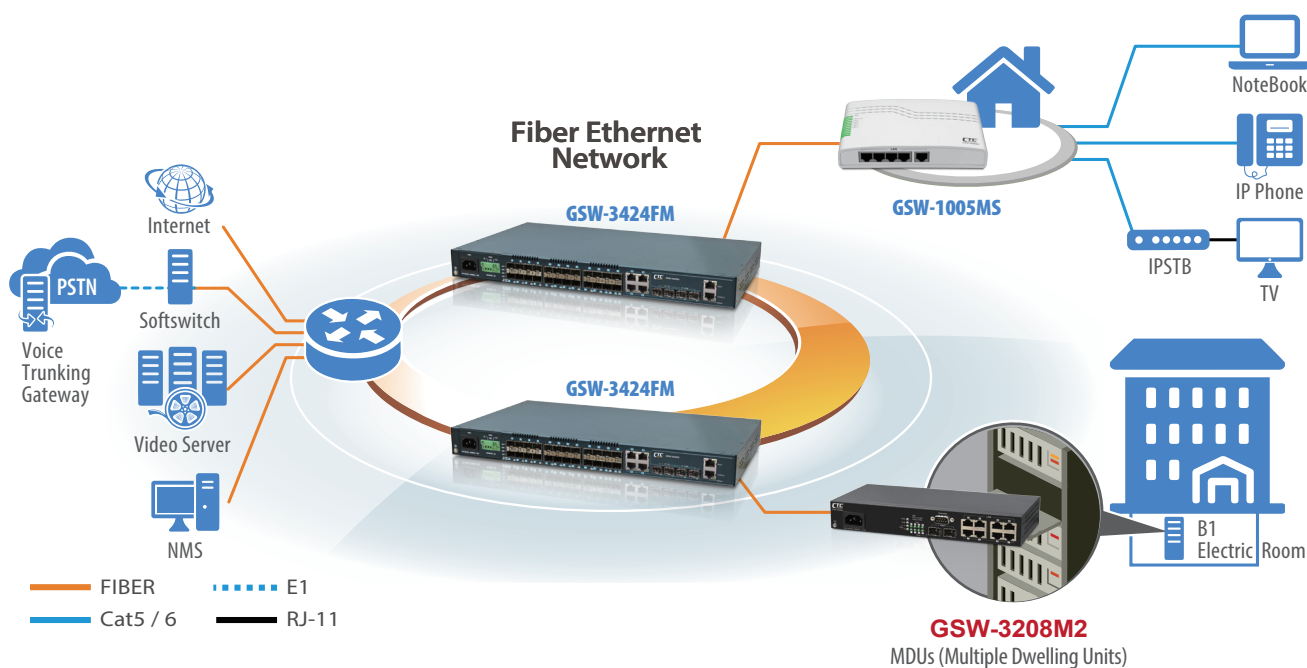
Specifications

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

L2+ Gigabit Ethernet Switch

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

Fiber Ethernet Network

GSW-3424FM

GSW-3424FM

GSW-1005MS

NoteBook

IP Phone

IPSTB

TV

Internet

PSTN

Softswitch

Voice Trunking Gateway

Video Server

NMS

B1 Electric Room

GSW-3208M2
MDUs (Multiple Dwelling Units)

— FIBER
— Cat5 / 6
····· E1
— RJ-11

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