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GSW-3208M2
8-Port 10/100/1000Base-T + 2 Port 100/1000Base-X SFP L2 Managed Switch

The CTC Union GSW-3208M2 is positioned as a layer 2 managed switch solution for high speed connectivity with 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. The GSW-3208M2 is designed with a high-performance switching architecture and offers wire-speed transportation capability for bandwidth-intensive applications of enterprises. 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 also supports features such as VLAN, QoS, IGMP for multicast applications and network management to fulfill SMB requirements. The GSW-3208M2 delivers a cost effective Gigabit Ethernet solution to meet the converged applications for enterprise customer's networks.
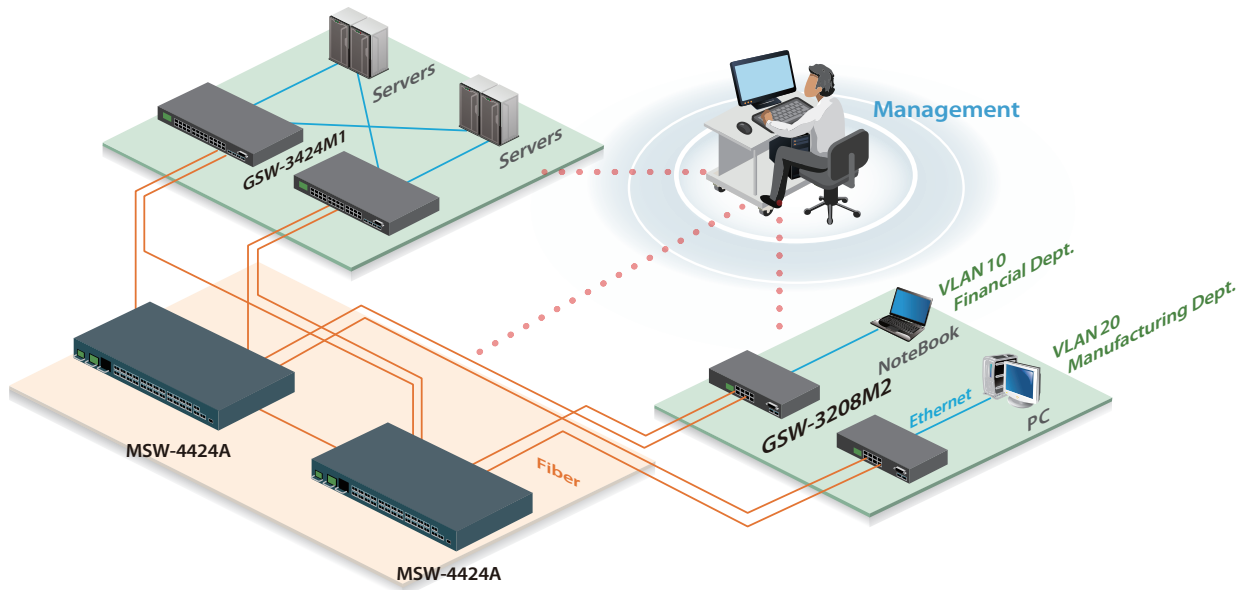
Features

- 8-port 10/100/1000Base-T RJ45 + 2 uplink 100/1000Base-X SFP slot
- Supports 9K Bytes jumbo frame
- Supports IEEE 802.1Q tagged VLAN & Q-in-Q VLAN stacking
- Supports IEEE 802.1p priority queue
- Supports IGMP snooping v1/v2/v3
- Supports dying gasp
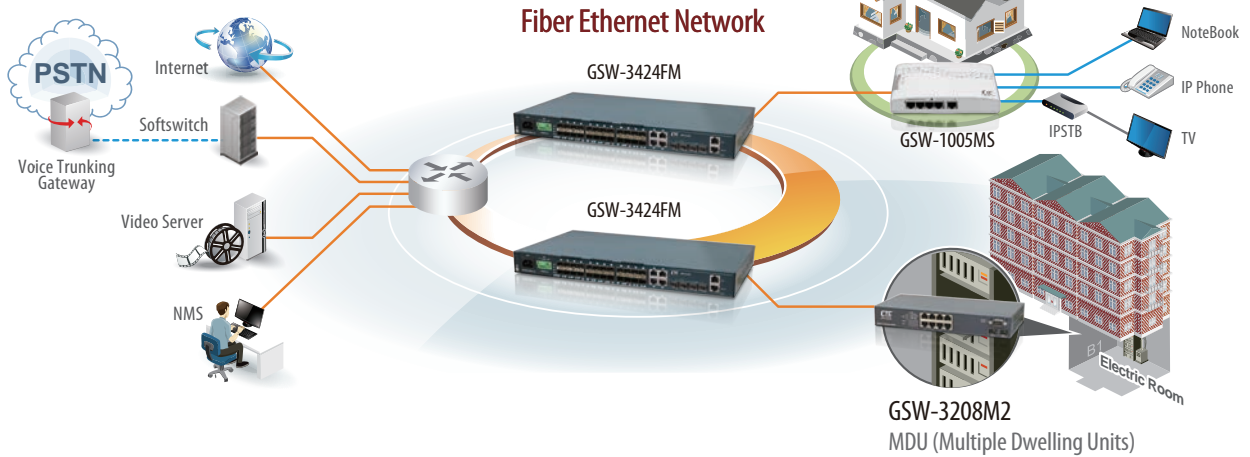- Supports power redundancy (optional)

Specifications

Interface	8x 10/100/1000Base-T(X) RJ-45 with 2x 100/1000Base-X SFP
Console port	D-Sub 9
FAN design	Fanless
19" rack mountable	Yes, with kits (optional)
Switching fabric capacity	20Gbps
forwarding rate	10M (14880/14880pps)
	100M (148800/148800pps)
	1000M (1488000/1488000pps)
Transmission method	Store and Forward Switching
Standard	IEEE 802.3u, IEEE 802.3z, IEEE 802.3ae, IEEE 802.3x, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1ad, IEEE 802.1x, IEEE 802.1D, IEEE 802.1w, IEEE 802.1s, IEEE 802.3ad, IEEE 802.1ab
Packet buffer	4M bits
MAC table size	8K
Jumbo frame size	9600 Bytes
VLAN feature	IEEE 802.1Q tagged VLAN
	MAC based VLAN
	Protocol based VLAN
	Private VLAN for port isolation
	IP subnet based VLAN, Voice VLAN
	VLAN translation, IEEE 802.1ad Q-in-Q
L2 switching protection	STP, RSTP, MSTP
Trunking	IEEE 802.3ad LACP
QoS feature	IEEE 802.1p 8 priority queues per port, Port Default Priority, User Priority, Input priority mapping, QoS Control List (QCL Mode), Storm Control for UC, BC and Unknown, Port policers, Global/VCAP (ACL) policers, Port egress shaper, Queue egress shapers, DiffServ (RFC2474) remarking, Tag remarking, Scheduler mode

Security	Port based/single/multiple IEEE 802.1x access control
	MAC based access control authentication
	RADIUS authentication, limited MAC address learning
	IP/MAC binding, ACL rule based filtering
	TACACS+, IP source guard
	DHCP snooping/relay option 82
	ARP inspection, IP source guard
IP multicasting	IGMP throttling, IGMP filtering, IGMP fast leave, IGMP snooping v1/v2/v3, MVR, MLD snooping v1
Storm Control	Unicast/Broadcast/Multicast storm suppression
Management	Web/Telnet CLI interface, Web/CLI authentication, SSH v2, HTTPs, port mirroring, system syslog, IPv6 management, NTP, text based configuration upload or download, IEEE 802.1ab LLDP, Cisco discovery filtering (CDP), sFlow, DHCP auto provisioning
SNMP agent	SNMP v1/v2c/v3
Software upgrade	TFTP/HTTP
Power input	100 ~ 240VAC -18 ~ -60VDC (-48VDC)
Operating Temperature	0 ~ 50℃
Humidity	5% ~ 90% (non-condensing)
Dimensions	250 x 117 x 43.8 mm
Certification	FCC, CE, RoHS compliant

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Specifications & design are subject to change without prior notice. Please visit CTC Union website for more details.

GSW-3208M2

Application

Servers

Servers

GSW-3424M1

Management

VLAN 10
Financial Dept.

NoteBook

VLAN 20
Manufacturing Dept.

GSW-3208M2

Ethernet

PC

MSW-4424A

MSW-4424A

Fiber

▬▬▬ FIBER	▪▪▪▪ E1		
▬▬▬ Cat5 / 6	▬▬▬ RJ-11		

Fiber Ethernet Network

PSTN

Internet

Softswitch

Voice Trunking
Gateway

Video Server

NMS

GSW-3424FM

GSW-3424FM

NoteBook

IP Phone

GSW-1005MS

IPSTB

TV

Electric Room

GSW-3208M2
MDU (Multiple Dwelling Units)

Ordering Information

Model Name	Description
GSW-3208M2	8x 10/100/1000Base-T + 2x GbE SFP slot L2 Managed Switch

Remark: SFP Transceiver not included

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