



GSW-3208M2-BC

8x GbE, RJ45 + 2x GbE, SFP L2+

Managed Switch **with External Battery Charging**

GSW-3208M2-BC 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-BC 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-BC also supports features such as VLAN, QoS, IGMP for multicast applications and network management to fulfill SMB requirements. The GSW-3208M2-BC delivers a cost effective Gigabit Ethernet solution to meet the converged applications for enterprise customer's networks. The GSW-3208M2-BC is built-in the external battery charging function to prevent the power outage from interrupting internet access service. With this battery charging feature, the GSW-3208M2-BC can automatically switch the modes to charge the external battery when AC power is normally supplied or be discharged from the battery as the AC power is outage.

Feature

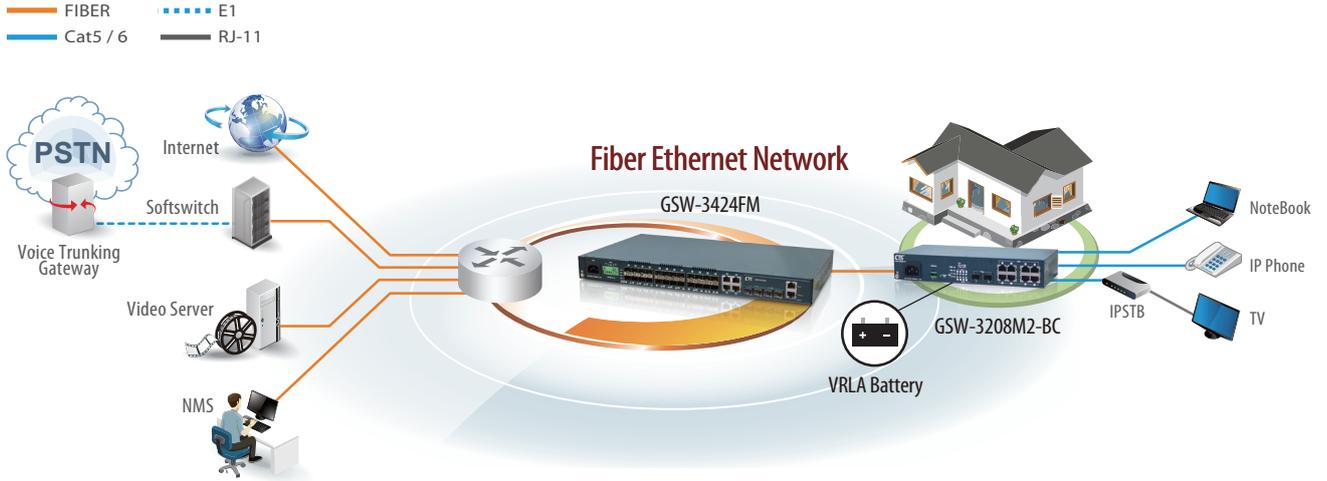
- 8-port 10/100/1000Base-T RJ45 + 2 uplink 100/1000Base-X SFP slot
- Supports 9K Bytes jumbo frame
- Supports IEEE 802.1Q tagged VLAN & Q-in-Q VLAN stacking
- Supports IEEE 802.1p priority queue
- Supports IGMP snooping v1/v2/v3
- Supports dying gasp
- Supports power redundancy (optional)
- Supports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

Specifications

Interface	8x 10/100/1000Base-T(X) RJ-45 with 2x 100/1000Base-X SFP
FAN design	Fanless
19" rack mountable	Yes, with kits (optional)
Switching fabric capacity	20Gbps
Filter & Forward rate	14880pps at 10Mbps, 148800pps at 100Mbps, 1488000pps at 1Gbps
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 (Max. 4K VLAN groups) 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 multicasting	IGMP throttling, IGMP filtering, IGMP fast leave, IGMP snooping v1/v2/v3, MVR, MLD snooping v1
Storm Control	Unknown 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 CLI configuration upload or download, IEEE 802.1ab LLDP, Cisco discovery filtering (CDP), sFlow, DHCP auto provisioning
SNMP agent	SNMP v1/v2c/v3, RMON Group 1,2,3 and 9, Multiple trap destinations
Software upgrade	TFTP/HTTP
Power input	100 ~ 240VAC -18 ~ -60VDC (-48VDC)
External Battery Backup	VRLA (Valve-Regulated Lead Acid) battery, 7Ahr or 8Ahr (recommended) Charging Voltage : 12V Charging Current : 0.7A
Operating Temperature	0 ~ 50°C
Storage Temperature	-25 ~ 70°C
Humidity	5% ~ 90% (non-condensing)
Dimensions	250 x 117 x 43.8 mm
Certification	FCC, CE

Application



Ordering Information

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

Accessories

GSW-3208M2-RMK	19" rack mount kit of GSW-3208M2
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Remark: SFP Transceiver not included