

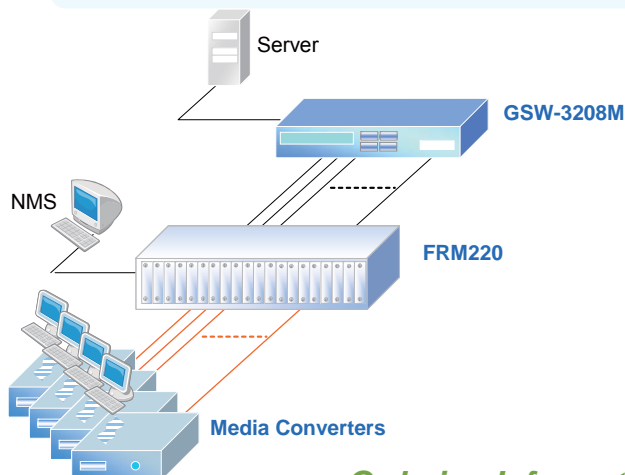
8x 10/100/1000-T + 2x1000-SX/LX SFP L2 Managed Switch GSW-3208M



GSW-3208M is a cost-effect high performance L2 Ethernet management switch – 8 x 10/100/1000Mbps TX ports and 2* SFP ports are supported. This switch supports remote management by SNMP, Http and Telnet interfaces, and local management by console interface. GSW-3208M supports lots of L2 switch management functions, e.g. 802.1Q VLAN, 802.1x Port Security, Rate Control, Port Configuration, Port Mirroring, Port Statistics, QoS functions, ... etc. Auto-MDIX function is supported for every TX port of the switch for easy cable connection.

Features

- 8x RJ45 ports, with 10/100/1000Mbps, Full/Half duplex auto-negotiation and Auto-MDIX functions
- 2x SFP sockets, Port9 and Port10
- Jumbo Fram
- Out-band console and in-band SNMP/Http/Https/Telnet management interface
- CISCO-like Command Line Interface
- 802.1Q VLAN, 1024 active VLAN maximum with VID 1~4094
- Port-based VLAN
- Private VLAN
- DHCP Relay Option 82
- IP-Port Binding
- Storm control
- Q in Q
- 802.3ad LACP for link aggregation
- 802.1x for user authentication, Dynamic VLAN and Guest VLAN are supported
- IGMP snooping and query and MVR
- 4 priority queues for Port-based, 802.1P QoS operation, with Strict Priority/WRR scheduling
- 802.1d Spanning Tree Compatible & 802.1w Rapid Spanning Tree
- Port rate limit for ingress/egress traffic
- Static MAC address binding / Dynamic Mac address number limit
- Event log and Syslog are supported
- Administrator IP/Subnet limit for security



Ordering Information

GSW- Model type
3208M
Example: GSW-3208M

Ports	8x RJ45 ports, with 10/100/1000Mbps, Full/Half duplex auto-negotiation and Auto-MDIX and Force MDI/MDIX function 2* SFP ports with Port9 and Port10
Console Port	DB9 console port
Dimensions	250 x 117 x 37mm (W x D x H)
Filter & Forwarding Rate	Full line speed
Transmission method	Store-and-forward
Packet Buffer	500K Bytes
Mac Table Size	8K
Max Packet Size	1518 bytes (without tag), 9600 bytes for Jumbo Frame
Flow Control	Back pressure for half duplex, IEEE802.3x for full duplex
Management	Out-band : Console (CISCO-like Command Line Interface) In-band : SNMP/Telnet/Http/Https Administrator IP/Subnet limit is supported. Support DHCP Client / Relay / Option 82 functions Version. 1, 2c Support MIB II(RFC1213), Bridge MIB (RFC 1493), VLAN MIB (802.1Q, RFC2674), Private MIB
VLAN	802.1Q VLAN with 1024 co-current groups maximum from 4094 VLANs Port-based VLAN Private VLAN
Q in Q	Yes
Trunking	Support up to 8 trunks using either static or dynamic trunking(LACP)
QoS	Four priority queues per port for Port-based & 802.1p tagged-based QoS Strict Priority/WRR scheduling
Spanning Tree	802.1d Spanning Tree Compatible & 802.1w Rapid Spanning Tree
Port Mirror	Yes
Static Mac ID Access Limit	Yes, Limit on port
Dynamic Mac ID Number Limit	Yes
IP-Port Binding	Yes
IEEE 802.1x	Yes, Support Transparent and Authentication modes Dynamic VLAN & Guest VLAN are supported
Rate Control	Yes, 1~31 levels, with level is configured between 128Kbps ~ 30Mbps
Storm Control	Yes, for broadcast/flooding traffic control
IP Multicast	Yes, IGMP Snooping(256 Groups Max.) / query and MVR function
Software Upgrade	Out-band: Xmodem, In-band: TFTP/Http
Text Configuration	Yes, for easy edit
Configuration	Yes
Down/Upload	
Event Log	Yes, and Syslog is supported
LED Display	Per Port : Link/Act (Green:Gigabit, Yellow:10/100M), Full Duplex Per Device : Power, System
Input Power	100~240VAC, 50/60 Hz, 36 ~ 72VDC
Power Consumption	Max. 8 Watt
Environmental	0 ~ 50°C
Temperature	
Humidity	10% ~ 90% (non-condensing)
Standards	IEEE802.3(10BaseT Ethernet), IEEE802.3u(100Base Fast Ethernet), IEEE802.3ab(1000BaseT), IEEE802.3z(1000Base) IEEE802.1D, IEEE802.1w, IEEE802.1P, IEEE802.1Q, IEEE802.1x

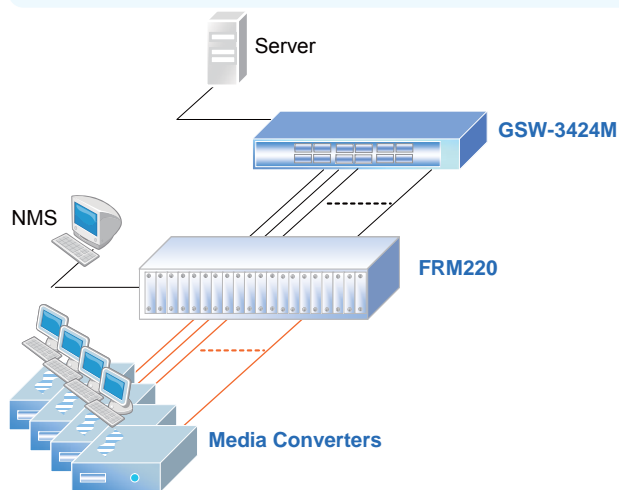


24x 10/100/1000-T + 4x1000-SX/LX SFP L2 Managed Switch GSW-3424M

Switch GSW-3424M is a cost-effect high performance 24G L2 Ethernet management switch – 24x 10/100/1000Mbps TX ports and 4x SFP ports are supported. This switch supports remote management by SNMP, Http and Telnet interfaces, and local management by console interface. Switch GSW-3424M supports lots of L2 switch management functions, e.g. 802.1Q VLAN, 802.1x Port Security, Rate Control, Port Configuration, Port Mirroring, Port Statistics, QoS functions, ... etc. Auto-MDIX function is supported for every TX port of the switch for easy cable connection.

Features

- 24x 10/100/1000T + 4x 1000SX/LX SFP slot shared with Port 21~24 TX ports, auto-detect the connection
- Jumbo Frame
- Console, SNMP, Http, Https, Telnet management
- Command Line Interface
- 802.1Q VLAN, Port-based VLAN, Private VLAN
- VLAN Stacking(Q in Q)
- DHCP Relay Option 82
- IP-Port Binding
- Storm control
- 802.3ad LACP for link aggregation
- 802.1x for user authentication, Dynamic VLAN and Guest VLAN are supported
- IGMP snooping and query and MVR(Multicast VLAN Registration)
- 4 priority queues for Port-based, 802.1P QoS operation, with Strict Priority/WRR scheduling
- 802.1d Spanning Tree Compatible & 802.1w Rapid Spanning Tree
- Port rate limit for ingress/egress traffic
- Static MAC address binding / Dynamic Mac address number limit
- Event log and Syslog
- Administrator IP/Subnet limit for security



Ordering Information

GSW-□□□□□ Model type
3424M
Example: GSW-3424M

Ports	24 ports 10/100/1000Mbps, RJ45 4x SFP ports
Console Port	DB9 console port
Filter & Forward Rate	Full line speed
Transmission method	Store-and-forward
Packet Buffer	500K Bytes
Mac Table Size	8K
Max Packet Size	9600 bytes
Switching Capacity	48 Gbps
Packet Forward Rate	35.7Mpps
Flow Control	Back pressure for half duplex, IEEE802.3x for full duplex
Management	Out-band : Console (CLI) In-band : SNMP/Telnet/Http/Https Administrator IP/Subnet limit
DHCP	DHCP Client / Relay / Option 82
SNMP agent	MIB II(RFC1213), Bridge MIB (RFC 1493), V1, 2c VLAN MIB (802.1Q, RFC2674), Private MIB
VLAN	802.1Q VLAN with 1024 co-current groups maximum from 4094 VLANs Port-based VLAN, Private VLAN
Q in Q	Yes
Trunking	Static or dynamic trunking (LACP)
QoS	4 priority queues per port for Port-based & 802.1p tagged-based QoS Strict Priority/WRR scheduling
Spanning Tree	802.1d STP, RSTP
Port Mirror	Yes
Static Mac ID Limit	Limit on port
Dynamic Mac ID Limit	Yes
IP-Port Binding	Yes
IEEE 802.1x	Yes, Support Transparent and Authentication modes Dynamic VLAN & Guest VLAN are supported
Rate Control	128Kbps ~ 30Mbps
Storm Control	Broadcast/flooding/multicast control
IP Multicast	IGMP Snooping (256 Groups Max.) / query and MVR function
Software Upgrade	Xmodem, TFTP/Http/Https
Text Configuration	Yes, for easy edit
Event Log	Yes, and Syslog is supported
LED Display	Link/Act, Full Duplex, Power, System
Input Power	100~240VAC, 50/60 Hz
Power Consumption	Max. 24W
Operating Temperature	0 ~ 50°C
Humidity	10% ~ 90% (non-condensing)
Dimensions	440W x 172D x 44H mm
Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z IEEE802.1D, IEEE802.1w, IEEE802.1P, IEEE802.1Q, IEEE802.1x