



GALGUS SWITCH G-SW-M8P4S4+

8xGb PoE + 4xGbps SFP + 4x10Gbps SFP+

Managed Switch



- All gigabit design, 8*10/100/1000M PoE ports + 4*10/100/1000M RJ45 ports + 4*10G SFP+ ports
- PoE ports support power over Ethernet for PDs
- Meet IEEE 802.3af/at PoE standard. Supports per port PoE configuration function
- L2+ features provide better manageability, security, QoS, and performance.
- Support L2+ Switching features including 802.1Q VLAN, Mirroring, Port isolation, IGMP Snooping, DHCP Snooping, LLDP, POE+ management, IP Source Guard, ARP inspection, ACLs etc.
- Support spanning tree STP(802.1D) and RSTP(802.1W).
- Jumbo frames support up to 9.6K kilobytes.
- Support enhanced management through WEB, CLI, TELNET, SSH, SNMP.
- Support cable diagnosis

DESCRIPTION

G-SW-M8P4S4+- managed PoE switch comes with 8X10/100/1000Mbps PoE ports + 4*10/100/1000Mbps RJ45 ports + 4*10G SFP+ ports. It can supply power to network equipment such as weather-proof IP cameras with windshield wiper and heater, high-performance AP and IP telephone. This managed PoE switch are highly flexible, the transmission distance of the SFP fiber port can be up to 120km, and with high resistance to electromagnetic interference.

G-SW-M8P4S4+- product components were rigorous screened, have superior performance in stability, environmental adaptability. Metal shells have better resistance ability to corrosion and electromagnetic interference, ensure stability and security of this Ethernet Switch. Power input also chooses a suitable and reliable types of power, to get more powerful suitability to environment.



TECHNICAL SPECIFICATIONS

Port Security	Locks MAC Addresses to ports, and limits the number of learned MAC addresses		
DHCP Snooping	prevent unauthorized configuration and use of IP addresses, while providing support for IP Source Guard and ARP detection		
IP Source Guard	Prevents datagram with spoofed addresses from being in the network		
ARP Inspection	Prevent ARP spoofing attacks and ARP		
Storm control	Prevents traffic on a LAN from being disrupted by a broadcast, multicast, or unicast storm on a port		
ACLs	Support for up to 256 entries; Drop or rate limitation based on source and destination MAC, VLAN ID or IP address, protocol, port, differentiated services code point (DSCP) / IP precedence, TCP/ UDP source and destination ports, 802.1p priority, Ethernet type, Internet Control Message Protocol (ICMP) packets, IGMP packets, TCP flag		
Quality of Service			
Hardware Priority Queue	Support 8 hardware queues		
Scheduling	8 COS queues per port support strict priority and weighted round-robin (WRR)		
Classification	Port based; 802.1p(PCP) VLAN priority based;		
Rate Limiting	Ingress policer; egress shaping and rate control; per VLAN, per port and flow based		
Management	(Web/ SSL, Telnet/ SSH, ping, Trivial File Transfer Protocol (TFTP), SNMP, Syslog)		
Web GUI interface	Built-in switch configuration utility for browser-based device configuration (HTTP/ HTTPs). Supports configuration, system dashboard, maintenance, and monitoring		
Dual Image	Dual image provides independent primary and secondary OS files for backup while upgrading		
Firmware upgrade	Web browser upgrade (HTTP/ HTTPs) and TFTP; <input type="checkbox"/> Upgrade through console port as well		
Port mirroring	Traffic on a port can be mirrored to another port for analysis with a network analyzer or RMON probe. Up to N-1 (N is Switch's Ports) ports can be mirrored to single destination port. A single session is supported.		
Other management	Single IP management; HTTP/HTTPs; SSH; RADIUS; DHCP Client; SNTP; cable diagnostics; ping; syslog; Telnet client (SSH secure support)		
Green Ethernet			
Green and Energy-saving Ethernet (EEE)	Compliant IEEE802.3az Energy Efficient Ethernet Task Force. Automatically turns off power on Gigabit Ethernet RJ-45 port when detecting link down or Idle of client. Active link mode is resumed without loss of any packets when the switch detects the link up		
Cable length detection	Adjusts the signal strength based on the cable length. Reduces the power consumption for cables shorter.		
General			
Jumbo frames	Frame sizes up to 9KB supported on Gigabit interfaces		
MAC Table	Up to 16K MAC addresses.		
Discovery			
Link Layer Discovery Protocol (LLDP)	Used by network devices for advertising their identities, capabilities, and neighbors on a IEEE 802 local area network, principally wired Ethernet.		
PoE			
PoE Standard:	IEEE802.3af/at	Power:	Max. Power per PoE Port: 30W ; Switch's total power: 250W
PoE Ports:	8 ports support PoE	Power Pin Type:	End-span

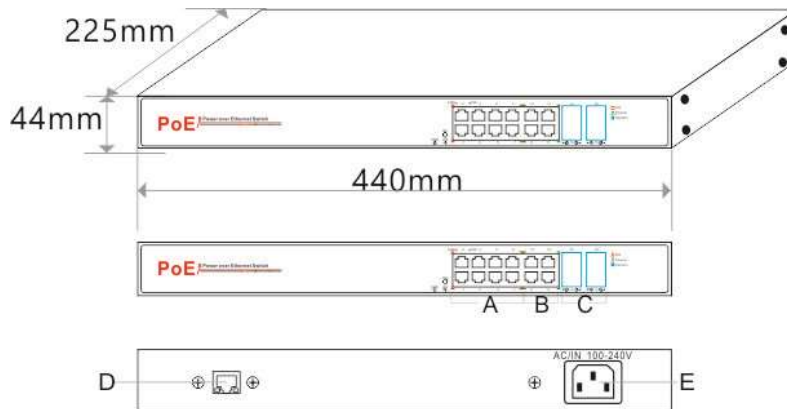
Minimum Requirements

Web browser: Mozilla Firefox version 2.5 or later, Microsoft Internet Explorer version 6 or later;
 Category 5 Ethernet network cable;
 TCP/IP, network adapter, and network operating system (such as Microsoft Windows, Linux, or Mac OS X) installed on each computer in network

Environmental (preliminary)

Dimensions	440*225*44mm
Working Environment	Operating temperature: -20 to 55 °C; Storage temperature: -40°C to 85 °C; Operating humidity: 5% to 95% , relative, non-condensing

Dimension



- A. PoE Port
- B. 10/100/1000M RJ45 Uplink Port
- C. 10G Fiber Uplink Port
- D. Console Port
- E. Power Input Port - AC100-240V,50/60Hz

Application

