

SS2GR26IP

Amer.com Switch 22 port 1000 + 4 port 1000/SFP Gigabit Managed Layer 2/4 PoE Switch

The SS2GR26IP is a fully featured Gigabit Layer 2/4 switch that is ideal for deployment both at the core and the network edge to provide full gigabit speeds throughout the network. With 24 gigabit copper ports with PoE support, and 4 dual-interface combo ports that support both copper and fiber connections, the switch allows for multiple gigabit connections to the network core. Comprehensive QoS, feature rich VLAN functions (Voice VLAN, Q in Q, VLAN VPN, etc), enhanced security, classified bandwidth control, link aggregation, this switch has all of the features you could ask for, and is also easy to configure and manage through single IP management (up to 24 units, also work with layer 3 10G switches from Amer.com) and industrial standard CLI shell and Web GUI.



Specifications

Performance

Switching Capacity:	• 52 Gbps
Forwarding Rate:	• 39 Mpps
MAC Address Table Size:	• 8K

Ports & Port Features

PoE Features:	• Up to 15.4W per PoE Port; Supports up to 30W (two port limit); PoE Excess Current Protection; PoE Circuit Sorting Protection;
LED Status Indicators:	• Port link activity; Port connectivity; Port transmission speed; Power;
RJ45 10/100/1000Base-T:	• 22(24 x PoE Ports Total)
Combo (RJ-45/SFP):	• 4
RJ-45 Console Port:	• 1
Port Loop-back Detection:	• Protection against port network loops that cause system crash
Auto-negotiation:	• For port speed and duplex mode

L2 Features

Supported Features:

- Loop detection; IGMP v1/2/3 snooping; MLD v1/2 snooping; IGMP Snooping and IGMP Querier; Broadcast Storm Control; IGMP Querier; DHCP Relay (Layer 2); IGMP Proxy;

Spanning Tree Protocol:

- IEEE 802.1D Spanning Tree Protocol (STP); IEEE 802.1w Rapid Spanning Tree Protocol (RSTP); IEEE 802.1s Multiple Spanning Tree Protocol (MSTP);

VLANs:

- Supports 4K IEEE 802.1Q VLANs; Portbased; MAC-based; IP subnet; Private; GVRP; Voice;

Link Aggregation:

- IEEE 802.3ad Link Aggregation;

Trunk Links:

- 2-8 Gigabit Ethernet port links (up to 14 groups)

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Qos

- Supported Features: • WRR; Strict scheduling; QoS flow shaping;
- Priority Queues: • 8 hardware queues per port
- Traffic Classification: • IEEE 802.1p CoS; DSCP IPv4 and IPv6; Access Control List;

Security

- Supported Features: • Port security; IEEE 802.1X port-based and MAC based; RADIUS for IPv4 and IPv6; TACACS+Authentication; Access Control List; SSH; PingSweep monitoring; Illegal multicast preventing; Black hole MAC, MAC limit support; ARP binding, limit support; ARP guard; Anti ARP scanning;

Management

- Supported Features: • CLI via console port or Telnet; WEB management; SNMP (v1, v2c, v3); RMON (groups 1, 2, 3 and 9); Port Mirroring; SNTP; Event/Error Log/Syslog for IPv4 and IPv6; MIB interface; BOOTP;
- Firmware & Configuration: • Dual firmware images; Firmware upgrade via TFTP/FTP/Xmodem; Configuration file upload/download via TFTP/FTP server;
- Single IP Management: • IP Stacking up to 24 switches

Warranty and Support

- Warranty: Limited Lifetime Warranty for as long as the original customer/end user owns the product, or five years after product discontinuance, whichever occurs first; 30 Day guaranty; Advanced replacement NBD; Fans and power supplies included.
- Support: Free technical support (phone/email); Software support; Premium incident support.

Electronic Features & Electrical Emissions

- Emissions: • FCC Class A; CE Mark Class A; VCCI-A;
- Power Supply: • 100-240 VAC, 50/60Hz, Internal Universal Switching
- Power Consumption: • <=500 Watts (Max. full load on PoE Ports)

Environmental Parameters

- Humidity Range Operating: • 10-90%
- Max Operating Temperature: • 104F
- Min Operating Temperature: • 32F

Dimentions & Weight

- Width x Depth x Height: • 43.9 x 41.4 x 4.3cm
17.3 x 16.3 x 1.7 inch
- Weight: • 7.5Kg (16.55lbs)