



I Product Specifications

Physical Specification	Description		
Performance	• Switching Capacity: 12.8Gbps	• Throughput: 9.5Mpps	• MAC Capacity: 16K
Hardware	• Flash Memory: 32MB	• DRAM: 256MB	
Interface	• 24-Port 10/100Base-TX • 1-Port Console (With RJ-45)	• 2-Port 10/100/1000Base-T • 1-Port 10/100Base-TX Management	• 2-Port 1000Base-X (SFP) • 1-Port USB Port
Power	• Input: AC 100~240VAC, 50/60Hz • IEEE 802.3af/at Support	• Power Consumption: 58.5W • Support 24-Port 10/100Base-TX	• Redundant Power Support • PSE Pin-out: Alternative A
PoE	• Max PoE Power Budget: 740W • Max output power per port: 15.4W simultaneously on 24 ports, 30W simultaneously on 24 ports		
Environmental	• Operating Temperature: 0~40°C • Storage Temperature: -20~70°C • Operating Humidity: 0~85% (Non-Condensing)		
Mechanical	• Dimension: 440(W) x 44(H) x 369(D)mm • Weight: 5.3kg (Single Power), 6.9kg (Dual Power)		
Features	Description		
VLAN	• 4K VLAN ID • Hybrid VLAN • Protocol/IP Subnet/MAC based VLAN	• 802.1q Port based VLAN • Voice VLAN	• Shared VLAN • 802.1ad VLAN Stacking (QinQ)
Resiliency	• 802.1d/w/s • ERP (Ethernet Ring Protection)	• PVSTP+ • Self Loop Protection	• SPR (Smart Port Redundancy) • UDLD
QoS	• 8 queue per port • Auto QoS	• Rate Limit (Ingress/Egress) • SP/WRR/DRR	• Diffserv
L3 Feature (License)	• Static Routing • VRRP • 6 to 4 Tunneling and ISATAP	• RIPv1/v2, OSPF, BGP • PIM-SM/SSM	• RIPng, OSPFv3, BGP4+ • IPv4/IPv6 Dual Stack
Security	• 802.1x - Multiuser • AAA - Local • ACL - L2/L3/L4 ACL - CPU ACL • DHCP Snooping • Port Security	- MAC Bypass - RADIUS - Time Base ACL • DHCP/NetBIOS Filtering	- Guest VLAN - TACACS+ - VLAN ACL • Storm Control
Advanced Security	Attack List which SG Series switch can detect/block • DoS Attack • ARP Attack • IGMP Attack • ARP Spoofing Attack	• IP Spoofing Attack • Port Scan Attack • Mac Flooding Attack	• Host Scan Attack • Broadcast Attack • Host Random Flooding Attack
Management	• LLDP/LLDP-MED • IPv4/IPv6 Telnet/SSH • IPv4/IPv6 sFlow • NMS (Visual Node Manager)	• RMON (Group 1,2,3,9) • IPv4/IPv6 SNMP (v1/v2c/v3) • 802.3az EEE • Power Saving	• Local/Remote Syslog • IPv4/IPv6 NTP/SNTP • DHCP Server/Relay