

SG2024GF



Product Specifications

Physical Specification	Description		
Performance	• Switching Capacity: 48.0Gbps	• Throughput: 35.7Mpps	• MAC Capacity: 32K
Hardware	• Flash Memory: 64MB	• DRAM: 256MB	
Interface	• 24-Port 1000Base-X (SFP) • 1-Port 10/100Base-TX Management	• 12-Port Combo 10/100/1000Base-T	• 1-Port Console (With RJ-45)
Power	• Input: AC 100~240VAC, 50/60Hz	• Power Consumption: 67.7W	• Redundant Power Support
Environmental	• Operating Temperature: 0~40°C • Operating Humidity: 0~85% (Non-Condensing)	• Storage Temperature: -20~70°C	
Mechanical	• Dimension: 440(W) x 44(H) x 350(D)mm • Weight: 4.8kg (Single Power), 5.4kg (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 • IPv6 QoS
L3 Feature (License)	• Static Routing • ECMP	• RIPv1/v2, OSPF, BGP • VRRP	• PIM-SM/SSM
Security	• 802.1x - Multiuser • AAA - Local • ACL - L2/L3/L4 ACL - VLAN ACL • DHCP Snooping • Port Security	- MAC Bypass - RADIUS - Time Base ACL - CPU ACL • DHCP/NetBIOS Filtering • IP Source Guard	- Guest VLAN - TACACS+ - Ingress/Egress 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) • Multi OS Support • Power Saving	• Local/Remote Syslog • IPv4/IPv6 NTP/SNTP • DHCP Server/Relay