



SG2228G

I Product Specifications

Physical Specification	Description
Performance	<ul style="list-style-type: none"> Switching Capacity: 56.0Gbps Throughput: 41.6Mpps MAC Capacity: 16K
Hardware	<ul style="list-style-type: none"> Flash Memory: 64MB DRAM: 512MB
Interface	<ul style="list-style-type: none"> 24-Port 10/100/1000Base-T 4-Port 1000Base-X (SFP) 1-Port Console (With RJ-45) 1-Port 10/100Base-TX Management 1-Port USB Port
Power	<ul style="list-style-type: none"> Input: AC 100~240VAC, 50/60Hz Power Consumption: 46.3W Redundant Power Support
Environmental	<ul style="list-style-type: none"> Operating Temperature: 0~40°C Storage Temperature: -20~70°C Operating Humidity: 0~85% (Non-Condensing)
Mechanical	<ul style="list-style-type: none"> Dimension: 440(W) x 44(H) x 215(D)mm Weight: 2.7kg (Single Power), 2.9kg (Dual Power)

Features	Description
VLAN	<ul style="list-style-type: none"> 4K VLAN ID 802.1q Port based VLAN Shared VLAN Hybrid VLAN Voice VLAN 802.1ad VLAN Stacking (QinQ) Protocol/IP Subnet/MAC based VLAN
Resiliency	<ul style="list-style-type: none"> 802.1d/w/s PVSTP+ SPR (Smart Port Redundancy) ERP (Ethernet Ring Protection) Self Loop Protection UDLD
QoS	<ul style="list-style-type: none"> 8 queue per port Rate Limit (Ingress/Egress) Diffserv Auto QoS SP/WRR/DRR
L3 Feature (License)	<ul style="list-style-type: none"> Static Routing RIPv1/v2, OSPF, BGP RIPng, OSPFv3, BGP4+ VRRP PIM-SM/SSM IPv4/IPv6 Dual Stack 6 to 4 Tunneling and ISATAP
Security	<ul style="list-style-type: none"> 802.1x - Multiuser - MAC Bypass - Guest VLAN AAA - Local - RADIUS - TACACS+ ACL - L2/L3/L4 ACL - Time Base ACL - VLAN ACL - CPU ACL DHCP Snooping DHCP/NetBIOS Filtering Storm Control Port Security
Advanced Security	<p>Attack List which SG Series switch can detect/block</p> <ul style="list-style-type: none"> DoS Attack IP Spoofing Attack Host Scan Attack ARP Attack Port Scan Attack Broadcast Attack IGMP Attack Mac Flooding Attack Host Random Flooding Attack ARP Spoofing Attack
Management	<ul style="list-style-type: none"> LLDP/LLDP-MED RMON (Group 1,2,3,9) Local/Remote Syslog IPv4/IPv6 Telnet/SSH IPv4/IPv6 SNMP (v1/v2c/v3) IPv4/IPv6 NTP/SNTP IPv4/IPv6 sFlow 802.3az EEE DHCP Server/Relay NMS (Visual Node Manager) Power Saving Multi OS Support