



SG2220G

I Product Specifications

Physical Specification	Description
Performance	<ul style="list-style-type: none"> Switching Capacity: 40.0Gbps Throughput: 29.7Mpps MAC Capacity: 16K
Hardware	<ul style="list-style-type: none"> Flash Memory: 64MB DRAM: 512MB
Interface	<ul style="list-style-type: none"> 18-Port 10/100/1000Base-T 2-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: 32.6W
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: 250(W) x 44(H) x 200(D)mm Weight: 1.9kg

Features	Description
VLAN	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 802.1d/w/s ERP (Ethernet Ring Protection) PVSTP+ Self Loop Protection SPR (Smart Port Redundancy) UDLD
QoS	<ul style="list-style-type: none"> 8 queue per port Auto QoS Rate Limit (Ingress/Egress) SP/WRR/DRR Diffserv
Security	<ul style="list-style-type: none"> 802.1x - Multiuser AAA - Local ACL - L2/L3/L4 ACL DHCP Snooping Port Security - MAC Bypass - RADIUS - Time Base ACL DHCP/NetBIOS Filtering - Guest VLAN - TACACS+ - CPU ACL Storm Control
Advanced Security	<p>Attack List which SG Series switch can detect/block</p> <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 Multi OS Support