



■ — GT-SG-2218-2GF-PE

PRODUCT OVERVIEW

The GT-SG-2218-2GF-PE provides 16*10/100/1000Mbps RJ45 ports that support 802.3af/at Standard, with a total PoE power supply up to 150W, powerful and flexible enough for users to deploy wireless access points or IP-based network surveillance cameras. The switch also comes equipped with 2 SFP slots, expanding your network flexibly.

In addition, it provides high performance, enterprise-level QoS, advanced security strategies and rich layer 2 management features. With all these advanced features, the PoE Switch is an ideal choice for small and medium business networking.

PRODUCT FEATURES

- Complies with IEEE802.3af/at Standard;
- Support RJ45 Auto-MDI/MDIX;
- Supports POE Power up to 32W for each PoE port;
- Auto detect power device:
- Remote power and Data feeding up to 100m;
- Flow Control for Full Duplex operation and back pressure for Half Duplex Operation;
- Support Energy-Efficient Ethernet (EEE) function (IEEE802.3az);
- Supports a complete lineup of L2 features, including 802.1Q tag VLAN, Port Mirroring, STP/RSTP/MSTP,
- Link Aggregation Control Protocol and 802.3x Flow Control function;
- Web, CLI (Console Port, Telnet, SSH), SNMP and RMON bring abundant management policies;

PRODUCT SPECIFICATIONS

HARDWARE SPECIFICATION

Model	GT-SG-2218-2GF-PE
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1X, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1d, IEEE 802.1w, IEEE 802.3ad, IEEE802.3af, IEEE802.3at
Interface	16*10/100/1000 Mbps RJ45 Port (Auto Negotiation/Auto MDI/ MDIX) 2* 100/1000Mbps SFP Slots 1 Console Port

Indicator	PWR、 LNK/ACT PoE
Network media	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5, 5e cable (≤100m) 1000BASE-T: UTP category 5e, 5 cable (≤100m) 100BASE-FX:MMF, SMF 1000BASE-X: MMF, SMF
MAC Address Table	8K, Auto-learning, Auto-aging
jumbo frame	9216Bytes
Transfer Mode	Store-and-forward
Packet Forward Speed	26.8Mpps
Switching Capacity	36Gbps
Dimensions(L*W*H)	440 *232*45 mm
Fan Quantity	2
PoE Port	Port1~16
PoE Power on RJ45	Mode A 1/2(+), 3/6(-)
PoE Power Output	Voltage: 55V DC, Power: 32W (MAX)
PoE Power Budget	160W
Power Supply	180W
Input Power Supply	100~240V AC, 50/60Hz
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 70°C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
Surge Protection	±4KV
MTBF	>500000 hour
Electrostatic Standard	Contact 4KV, air 6KV
Green Energy Saving	Support IEEE 802.3az

SOFTWARE SPECIFICATION

System Settings	Basic Information, Serial Information, User Management, Safe Management, SNTP configuration, Current Configuration, Configuration File, File Upload, System Reset
Port Configuration	Common Configuration, Port Statistic, Flow Control, Broadcast Storm, Port Rate Limit, Protected Port, Learn Limit, Port Trunking, Mirror

MAC Bind	MAC Bind Configuration, MAC Auto Binding
MAC Filter	MAC Filter Configuration, MAC Auto Filter SNMPv1, v2 and v3, TELNET/ SSH, TFTP, Web/SSL DHCP
VLAN Configuration	VLAN Information, VLAN Configuration, VLAN Port Configuration
SNMP Configuration	Community Name, TRAP Target
ACL Configuration	ACL Standard IP, ACL Extended IP, MAC IP, MAC ARP, ACL Information, ACL Reference
QOS Configuration	QOS Apply, QOS Scheduling Up to 8 groups, Up to 8 ports per group
IP Basic Configuration	IP Address Configuration, ARP Configuration and Display, Host Static Route IPv4 and IPv6
AAA Configuration	Tacacs+ Configuration, Radius Configuration, 802.1x Configuration, 802.1x Port Configuration, 802.1x User Auth Information
MSTP Configuration	MSTP Configuration, Port Configuration, Port Information 802.1s
IGMP SNOOPING Configuration	IGMP SNOOPING Configuration, Multicast Group Information 1 and 2 snooping 1K multicast groups
GMRP Configuration	GMRP Global Configuration, GMRP Port Configuration, GMRP Stats Configuration
EAPS Configuration	EAPS Configuration, EAPS Information
RMON Configuration	Statistics Configuration, History Configuration, Alarm Configuration, Events Configuration
Cluster Management	NDP Configuration, NTDP Configuration, Cluster Configuration
Log Management	
POE Configuration	POE Global Configuration, POE Port Configuration, POE Schedule Configuration
DHCP	DHCP traffic to DHCP server in different VLAN. DHCP Option 82 ping, traceroute RADIUS/LDAP, TACACS+, syslog, DNS client

ORDERING INFORMATION

Model	product information
GT-SG-2218-2GF-PE	16-Port Gigabit + 2G SFP + 1 Console Managed PoE Switch (16-Port PoE, Support 802.3af/at Standard)