



GT-SG-1220-2GD-PE

PRODUCT OVERVIEW

GT-SG-1220-2GD-PE PoE Switch is 16-port 10/100/1000Mbps PoE +2G Combo+2GE. The PoE ports can automatically detect and supply power to IEEE802.3af/at compliant Powered Devices (PD). The electrical power and data transmission on the same cable can expand your network to the places where no power lines or outlets, where you can install devices such as APs, IP cameras, or IP phones etc.

The PoE Switch provides a simple, cost-effective and non-blocking wire-speed performance with 19-inch metal shape for rack deployment in office or department network application. The PoE Switch has VLAN and CCTV function that improves the network environment and reduces network maintenance costs.

PRODUCT FEATURES

- Complies with IEEE802.3af/at Standard;
- Supports PoE Power up to 32W for each PoE port;
- Auto detect power device;
- Support port power supply prioritization, guarantee the continuous power supply of key nodes;
- Remote power and Data feeding up to 100m;
- Support VLAN and CCTV function;
- Flow Control for Full Duplex operation and back pressure for Half Duplex Operation;
- Support PD Alive function (the switch port is disconnected will automatically connected);

PRODUCT SPECIFICATIONS

Model	GT-SG-1220-2GD-PE
Port	16x10/100/1000Mbps RJ45 Port 2X10/100/1000Mbps Combo port 2x 10/100/1000Mbps RJ45 Port
PoE Standard	IEEE802.3af/at
PoE Port	Port 1~16



PSE Power on RJ-45	Mode A 1/2(+),3/6(-)	
PoE Power Output	Per port 55V DC Max32W	
PoE Power Budget	160W/250W	160W Fanless(Optional)
Power supply	180W/280W	180W(Fanless) (Optional)
Key function	CCTV&VLAN	
Forwarding Mode	Storage-and-Forward	
Switching Capacity	40Gbps	
MAC address table	8K, Auto--learning, Auto-aging	
Jumbo frames	9216Byte	
Forwarding Rate	29.8Mpps	
Input Power Supply	AC 100-240V 50/60Hz	
Operation Temperature	0°C~40°C	
Storage Temperature	-40°C~70°C	
Operation Humidity	10%~90% RH non-condensing	
Storage Humidity	5%~90% RH non-condensing	
Fan	2	Fanless (Optional)
Dimensions(L*W*H)	440*207*44mm	
Weight	<5Kg	
LED Indicator	PWR, LNK/ACT, PoE	
Network Media	10BASE-T: UTP category 3, 5 cable (≤100m) 100BASE-TX: UTP category 5e cable (≤100m) 1000BASE-T: UTP category 5e,6 cable(≤100m) 1000BASE-X: MMF, SMF	
Surge Protection	difference module±4KV, Common mode±6KV,	
MTBF	>50000 hours	
Electrostatic standard	Contact 6KV,air8KV	

ORDERING INFORMATION

Model	product information
GT-SG-1220-2GD-PE	16-Port Gigabit+2G Combo+2GE PoE Switch

Ver : 1.0

NOTE : Specifications are subject to change without notice. Garantir products referred to in this datasheet are trademarks of Garantir or its subsidiaries. All other trademarks belong to their respective owners.