



GT-SG-1208-4GC-PE

PRODUCT OVERVIEW

GT-SG-1208-4GC-PE is a 8-port 10/100/1000Mbps switch with 4 port PoE(Port1~4). 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. With store & forward technology and dynamic memory allocation, guarantee the bandwidth distribute each port effectively.

In the Extend operation mode, the switch operates on a per-port basis at 10Mbps duplex operation but can support 32W PoE power output over a distance of up to 200 meters overcoming the 100m limit on Ethernet UTP cable. With this brand-new feature, the switch provides an additional solution for 802.3at/af PoE distance extension, thus saving the cost of Ethernet cable installation. It is easy to manage and maintain which can meet a lot of networking environment, such as Business building, Community, Hotel, Office etc.

PRODUCT FEATURES

- Complies with IEEE802.3af/at Standard;
- Supports PoE Power up to 32W for each PoE port;
- Auto detect power device; will not burned non-standard PoE device or normal PoE switch;
- Supports port power supply prioritization, guarantee the continuous power supply of key nodes;
- Extend mode Single port speed reduction and ensure transmission quality, supporting 200m transmission;
- Supports IEEE802.3 x full duplex flow control and Backpressure half duplex flow control;
- Line-speed forwarding, intelligent identification;
- Supports storage – and- forward for Data exchange;
- Iron case, no fan;
- Operating Temperature: 0°C ~ 40 °C;
- Panel lights to monitor working state and help fault analysis;
- Power supply, PoE module and switch PCBA Three in one.

PRODUCT SPECIFICATIONS

Model	GT-SG-1208-4GC-PE
PoE standard	IEEE802.3af/at
Interface	8*10/100/1000Mbps RJ45 port
key function	Extend(Port1-4)
PoE port	1-4
PoE Total	60W
Power supply	65W
RJ45 PoE power supply	Mode A Anode1/2 Cathode3/6
PoE output-port	Max 32W
Indicator	PWR(Green) PoE max(Green) LNK/ACT(10/100Mbps:Orange,1000Mbps:Green) PoE(Orange)
Network media	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5, 5e cable (≤100m) 1000BASE-TX: UTP category 5e cable (≤100m)
MAC Address Table	4K , Automatic study, automatic updates
jumbo frame	9216 bytes
Packet buffer	1.5Mb
Transfer Mode	store-and-forward
Packet forwarding rate	11.9Mpps
Bandwidth	16Gbps
Fan	Fanless
Device Dimension	220*150*44mm
Machine weight	<1.5kg
Input Voltage	AC 100-240V 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	Common mode ±6KV,Different mode±4KV
MTBF	>50000 hour
Electrostatic standard	Contact 6KV,air 8KV



POE POWER USAGE DISPLAY

The GT-SG-1208-4GC-PE helps users to monitor current status of PoE power usage easily and efficiently by its intelligent PoE Management feature of LED indication, there are one orange LED named “max” located on left side of the front panel. When Port 1-4 output is $\geq 85\%$, the LED will be lighted up, when Port 1-4 output is $\geq 100\%$, the system will cut off the power of the lowest-priority port.

ORDERING INFORMATION

Model	product information
GT-SG-1208-4GC-PE	4-Port Gigabit+4GE PoE Switch