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# **SG1211P**

11-Port Gigabit Unmanaged POE Switch

## Products Description

SG1211P is a 11-port Ethernet switch developed by TG. It provides 3 Gigabit uplink port and 8 10/100/1000 Mbps RJ45 ports. Equipped with large packet buffer, it also ensures smooth streaming even when eight 200W HD IP cameras are working simultaneously. You can enable port VLAN mode of the switch to protect your LAN network from broadcast storm and prevent loss of monitoring images. In addition, the switch offers 2KV lightning protection for its uplink port. In a word, SG1211P is a perfect choice for small and medium-sized IP surveillance projects and enter-prises to have network.

## Main Features

* **Large packet buffer**

Switch is equipped with 1024 Kb large packet buffer, twice of its counterparts,ensuring smooth streaming even when eight 200W HD IP cameras are working simultaneously.

* **Gigabit uplink port**

The switch’s uplink gigabit port prevents bottleneck in the uplink transmission, and up to 32 IP cameras can be connected to the switch for data transmission without network lag.

* **Simple port VLAN setup**

With VLAN on enabled by the mode toggle, ports 1 to 8 are isolated from each other,enabling the switch to isolate broadcast storm, improving LAN security and data transmission

* **Lightning protection**

The switch supports 2KV lightning protection for uplink port, protecting the switch from thunderstorms and making it more stable.

* **Watch dog**

The power supply port supports dynamic detection and can be awakened when the terminal is abnormal or has no traffic.

## Product Specifications

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| **Product Information** |
| Product Model | **SG1211P** |
| **Hardware specifications** |
| Fixed Ports | 8\*10/100/1000 Base-T ports(POE/POE+)2\*10/100/1000 Base-T ports1\* 1000 Base-X SFP ports |
| Max Output Power(single port) | 30W |
| Total Power Consumption | 120W |
| PoE Pin-out | 1/2(+),3/6(-) |
| Switching capacity | 12Gbps  |
| Forwarding Rate | 8.92Mpps |
| Temperature | Operating temperature: (-10 - 50)°CStorage temperature: (-40 - 70)°C |
| Humidity | Operating humidity: (10% - 90%) RH, non-condensingStorage humidity: (5% - 90%) % RH, non-condensing |
| Dimensions(L\*W\*H) | 200(L)\*118(W)\*44(H)mm |
| Power | AC:100～240VAC,50～60Hz |
| Power consumption | 120W output the whole device |
| Weight | <1.5Kg |
| Lightning protection | 2KV |
| MAC address table | 2K |
| LED Indicator | Power,Link/Act |
| **Software specifications** |
| Standard | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at |
| Forwarding mode | Store-and-forward |
| Other functions | VLAN isolation; |
| QoS priority |
| Watch dog(Ai Port detection) |

## Order Information

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| **Product Information** | **Detailed information** |
| **SG1211P** | 8\*10/100/1000 Base-T ports(POE),2\*10/100/1000 Base-T ports,1\* 1000 Base-X SFP ports,Total Power Consumption:120W |
| **Transceivers** |
| SFP-GE-SX-MM850 | 1000BASE-SX SFP Transceiver, Multi-Mode (850nm, 550m, LC) |
| SFP-GE-LX-SM1310 | 1000BASE-LX SFP Transceiver, Single Mode (1310nm, 20km, LC)  |
| SFP-GE-SC-1310 | SFP Gigabit optical module, TX1310/RX1550 (20km, SC)  |
| SFP-GE-SC-1550 | SFP Gigabit optical module, TX1550/RX1310 (20km, SC)  |

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