****



# **SG1005TP(PD)**

5-Port Gigabit Unmanaged POE Switch with PD port

## Products Description

SG1005TP (PD) is an unmanaged PoE switch product with 4 PSE and 1 PD port independently developed by our company. It provides 5 10/100/1000Mbps adaptive RJ45 ports, of which ports 1-4 have PSE function and support 30W output. Port 5 has PD function and supports 72W-95W input.

SG1005TP (PD) supports two power supply modes: external power supply and PoE, easy to manage and maintain, and meet the networking and access requirements of enterprises, communities, hotels, office networks and campus networks.

## Main Features

* 5 10/100/1000Mbps RJ45 ports;
* 4 PSE power supply ports (Port1~4);
* 1 PD power receiving port (Port5) supporting IEEE802.3bt;
* Compatible with IEEE802.3af/at/bt standards;
* The output power of each PSE port is up to 30W;
* PD port input power 72W-95W;
* Automatic detection of PD equipment;
* Transmission distance and power supply guarantee 100 meters;
* Support IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control;
* Support 2K MAC address, automatic learning and automatic update;
* Panel indicator lights monitor working status and help failure analysis;

## Product Specifications

|  |
| --- |
| **Product Information** |
| Product Model | **SG1005TP(PD)** |
| **Hardware specifications** |
| Fixed Ports | 4\*10/100/1000 Base-T ports(POE/POE+)1\*10/100/1000 Base-T port(PD Port) |
| Max Output Power(single port) | 30W |
| Total Power Consumption | 72W |
| PD port input | 72-90W(Max) |
| PoE Pin-out | 1/2(+),3/6(-) |
| Switching capacity | 10Gbps  |
| Forwarding Rate | 7.44Mpps |
| Temperature | Operating temperature: (0 - 40)°CStorage temperature: (-40 - 70)°C |
| Humidity | Operating humidity: (10% - 90%) RH, non-condensingStorage humidity: (5% - 90%) % RH, non-condensing |
| Dimensions(L\*W\*H) | 168(L)\*93(W)\*32(H)mm |
| Power | External power supply and PoE power supply |
| Power consumption | 72W output the whole device |
| Weight | <0.5Kg |
| Lightning protection | 6KV |
| MAC address table | 2K |
| LED Indicator | Power,Link/Act,POE |
| **Software specifications** |
| Standard | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3az, IEEE 802.3af, IEEE 802.3at, IEEE802.3bt |
| Forwarding mode | Store-and-forward |

## Order Information

|  |  |
| --- | --- |
| **Product Information** | **Detailed information** |
| SG1005TP(PD) | 4\*10/100/1000 Base-T ports(POE/POE+),1\*10/100/1000 Base-T port(PD port), IEEE 802.3af/at,Total Output Power:72W. |

|  |
| --- |
| **Shenzhen TG-NET Botone Technology CO. Ltd.**3rd Floor,No.17,Langrong Road, Xinshi Community,Dalang Street,Longhua District,ShenzhenWebsite: http://www.tg-net.netE-mail: cherry.tan@tg-net.cn |