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# **SG1005TP**

5-Port Gigabit Unmanaged POE Switch

## Products Description

SG1005TP is a full Gigabit PoE switch independently developed by our company. It has 4 Gigabit adaptive RJ45 ports and 1 uplink RJ45 Gigabit port. Each RJ45 port supports MDI/MDIX automatic flip and wire-speed forwarding functions.

Ports 1-4 have PoE power supply function, support IEEE802.3af/at standard, can be used as Ethernet power supply equipment, can automatically detect and identify the power receiving equipment that meets the standard, and supply power to it through the network cable. Using store-and-forward technology, combined with dynamic memory allocation, ensure that bandwidth is effectively allocated to each port.

This switch is easy to manage and maintain, and meets the networking and access requirements of enterprises, communities, hotel office networks and campus networks.

## Main Features

* Support IEEE802.3at standard, compatible with IEEE802.3af powered device (PD);
* Automatic detection of PD equipment;
* Automatic detection and identification of standard PoE power receiving equipment, intelligent power supply, will not burn non-standard PoE power receiving equipment or ordinary equipment;
* Support port power supply priority to ensure continuous power supply for key nodes of the network;
* Support IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control;
* PoE, motherboard, power supply three in one;
* Panel indicator lights monitor working status and help failure analysis;

## Product Specifications

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| **Product Information** | |
| Product Model | **SG1005TP** |
| **Hardware specifications** | |
| Fixed Ports | 4\*10/100/1000 Base-T ports(POE/POE+)  1\*10/100/1000 Base-T ports |
| Max Output Power(single port) | 30W |
| Total Power Consumption | 65W |
| PoE Pin-out | 1/2(+),3/6(-) |
| Switching capacity | 10Gbps |
| Forwarding Rate | 7.44Mpps |
| Temperature | Operating temperature: (0 - 40)°C  Storage temperature: (-40 - 70)°C |
| Humidity | Operating humidity: (10% - 90%) RH, non-condensing  Storage humidity: (5% - 90%) % RH, non-condensing |
| Dimensions(L\*W\*H) | 140(L)\*77(W)\*28(H)mm |
| Power | AC:100～240VAC,50～60Hz |
| Power consumption | 65W 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 |
| Forwarding mode | Store-and-forward |

## Order Information

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| **Product Information** | **Detailed information** |
| SG1005TP | 4\*10/100/1000 Base-T ports(POE/POE+),1\*10/100/1000 Base-T ports, IEEE 802.3af/at,Total Output Power:65W. |

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