

## PS1082T

**8 ports 10/100/1000Mbps PoE switch**



### Introduction:

PS1080T Series PoE switch can automatically detect and supply power with those IEEE 802.3af compliant Powered Devices (PDs), it's 8 10/100/1000Mbps Auto-Negotiation RJ45 ports with PoE (Power over Ethernet) function, the ninth port is Gigabit Uplink, the distance of power supply is 100 Meter. There is no need to worry about the damage of standard POE or Non-POE Devices, it will be power off when the POE Device is not connecting. In this situation, the electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as APs, IP Cameras or IP Phones, etc.

### Key features

- IEEE 802.3at Power over Ethernet PoE compliant
- Supports 10/100/1000Mbps fast Ethernet
- 8 x 1000Mbps Auto-MDIX PoE port
- Internal power supply
- Provides up to 30 watts for every PoE ports
- Automatically detects the PoE class level of a Powered Device
- 16Gbps Backplane bandwidth
- Status LEDs: System Power, PoE, 1000 Mbps, and Link / Activity
- Full wire-speed non-blocking reception and transmission
- Store-and-forward switching method
- Back pressure Flow Control for Half-Duplex mode
- IEEE 802.3x Flow Control for Full-Duplex mode
- Plug and Play

# Technical specifications:

## Ports

10/100M/1000Mbps PoE RJ45 ports ( 8 Ports )  
100M/1000Mbps full duplex  
100BASE-T or 1000BASE-TX POE RJ-45 port

## Network standard

IEEE802.3i 10BASE-T  
IEEE802.3u 100BASE-TX  
IEEE802.3x Flow Control  
IEEE802.3af/at Power over Ethernet  
IEEE 802.3 , IEEE802.3ab , IEEE802.3az

## Network media

10Base-T : UTP category 3 cable  
100Base-TX : UTP category 5 cable  
1000Base-T : UTP category 5 cable or above

## Speed

100/1000Mbps Full Duplex ,  
Network Interface : 100BASE-T or 1000BASE-TX  
Ethernet RJ-45 Port

## Function standard

Bandwidth : 48Gbps  
Network delay ( 100 to 1000M bps ) : Max 20  
microseconds ( 64 Byte )  
Network delay ( 1000 to 1000M bps ) : Max 10  
microseconds ( 64 Byte )  
MAC Address 8K  
Forwarding rate :  
10Mbps : 14880pps  
100Mbps : 148800pps  
1000Mbps : 1488000pps

## LED Light

Power, PoE, Link / Activity  
Each Port Link/ACT/Speed, 10M/100M/1000Mbps  
Network  
Power Supply

## PoE

Total power : 150W  
All PoE Port , ( Port 1 ~ Port24 ) ,  
single port Max 30W  
150W internal power adapter Power pin

## Physical Size

Size : 280mm x 180mm x 44mm

## Temperature

Operating Temperature: 0°C~40°C  
Storage Temperature: -10°C~70°C  
Operating Humidity: 10%~90% non-condensing  
Storage Humidity: 5%~90% non-condensing  
Certification: CE, FCC ,ROHS

## Warranty

1year

## Package Content

8 port PoE switch,datasheet,power cord

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