

Product Overview



PS04PGE+1PD is 5-Port 10/100/1000Mbps auto-negotiation RJ45 Port. Among them, port1~4 is PSE port, support 32W output. Port5 is PD port, support 60W input. PS04PGE+1PD Power supply support external power supply and PoE.

PS04PGE+1PD is easy to install and don't need to configuration. With outstanding performance and quality, the 5-port 10/100/1000Mbps desktop PoE switch is an ideal choice for expanding your home or office network.

Features

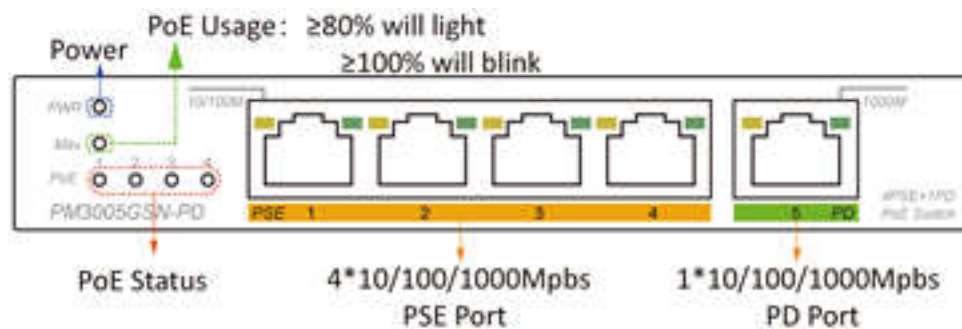
- 5 *10/100/1000Mbps RJ45 Ports
- 4 PSE Ports (Port1~4)
- 1*60W PD Port (Port5)
- Complies with IEEE802.3af/at Power over Ethernet
- Supports PoE Power up to 32W for each PoE port
- Auto detect power device
- PoE Overload Alarm LED
- Remote power and Data feeding up to 100m
- Flow Control for Full Duplex operation and back pressure for Half Duplex Operation
- 2K MAC address, automatic address learning and address aging
- Support Energy-Efficient Ethernet (EEE) function (IEEE802.3az)

PoE Features

The PS04PGE+1PD can provide up to 32 Watts of power to attached devices, such as VoIP phones, wireless access points, surveillance cameras etc, all over existing cat. 5cables. The switch eliminates the need for individual power sources for devices in the network, saving on costs for power cables and avoiding power outlet availability issues.

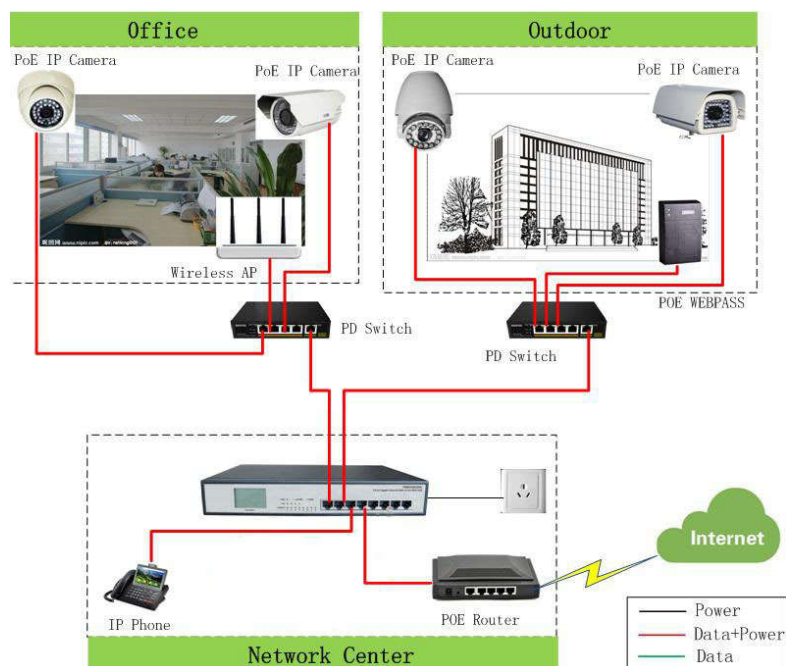
PoE Power Usage Display

The PS04PGE+1PD 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 $\geq 80\%$, the LED will be lighted up, when Port 1-4 output is $\geq 100\%$; the LED will blink to notify customers for better PoE allocation. If PoE Power consumption over 100%, the system will cut off the power of the lowest-priority port. Priority (port 1 > port 2 > port 3 > port 4).



Application

PS04PGE+1PD is an ideal solution for IEEE 802.3af and High Power IEEE 802.3at Power over Ethernet (PoE) application. it is designed specifically to satisfy the growing demand of higher power consuming network PD (powered devices) such as PTZ (Pan, Tilt & Zoom) / Speed Dome network cameras, multi-channel (802.11a/b/g/n) wireless LAN access points and other network devices by providing double PoE power than conventional 802.3af PoE currently.



Specification

Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3x, IEEE802.3af, IEEE802.3at
Network Media(Cable)	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5,5e cable (≤100m) 1000BASE-T: UTP category 5e,6 cable (≤100m)
LED	Power (Green) Max(Orange) PoE (Orange) 10/100M(Orange) 1000M(Green)
MAC Address Table	2K, Auto-learning, Auto-aging
Transfer mode	Store-and-Forward
Switching Capacity	10G
Dimensions (L*W*H)	160x92.5x28mm
Fan	Fanless
Power Supply	55VDC /1.1A or PoE
Certification	CE,FCC ClassB
PSE port	Port1~4
PSE Power on RJ-45	Mode A 1/2(+),3/6(-)
PoE Power Output	Per port 55V DC Max.32W
PoE Power Budget	55W
PD port	Port 5
PD Power on RJ45	Mode A 1/2(+),3/6(-) or Mode B 4/5(+),7/8(-)
PD port input	60W
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	±4KV
Certification	CE、FCC ClassA
MTBF	>50000 hour
Electrostatic standard	Contact 4KV,air 6KV
Green energy saving	Support IEEE (802.3az)