

PS1005G-1GT-4PoE

5-Port 10/100/1000Base-T(X)

Unmanaged Full Gigabit Industrial Ethernet PoE Switch

Features

- Supports 5 x10/100/1000Mbps Auto-negotiation Ethernet RJ45 ports with 4 port PoE function (port2-port5)
- Supports PoE power supply up to 30W for each PoE port and 60W for all PoE ports
- Complies with the standard 802.3i, IEEE 802.3u, IEEE802.3x, IEEE802.3ab and IEEE802.3az
- Supports PoE IEEE802.3af and IEEE802.3at compliant Powered Device (PD)
- Supports IEEE802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- 2K entry MAC address table with auto-learning and auto-aging
- LED indicators for monitoring power, link, activity ,PoE and max power for PSE
- External power adapter supply



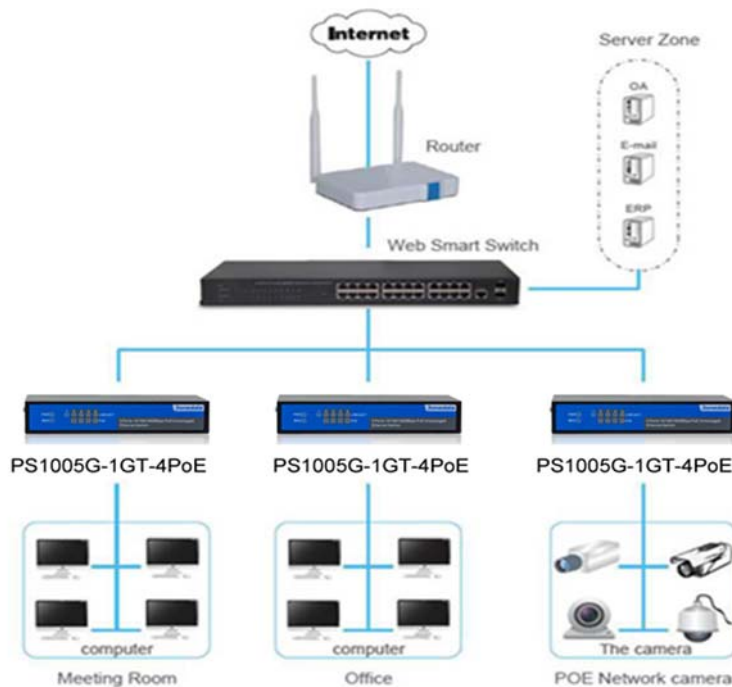
Introduction

The 5-port 10/100/1000M desktop PoE switch provides the seamless network connection, which integrates 1000Mbps Ethernet and 10/100Mbps Ethernet network capabilities. These PoE ports can automatically detect and supply power with those IEEE 802.3at compliant Powered Devices (PDs). 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.

The switch is easy to install and use. It requires no configuration and installation. With desktop design, outstanding performance and quality, the 5-port 10/100/1000M desktop PoE switch is a great selection for expanding your home or office network.

Application



Specification

Technology

Standard: IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3az, IEEE802.3at

Flow control: IEEE802.3x flow control

Exchange Attribute

100M forward speed: 148810pps

1000M forward speed: 1488100pps

100M maximum filter speed: 148810pps

1000M maximum filter speed: 1488100pps

Transmit mode: store and forward

System exchange bandwidth: 10Gbps

MAC address table: 2K

Memory: 1.5Mbit

Interface

Electric port: 10/100/1000Base-T(X) auto negotiation speed, Full/Half duplex mode, auto MDI/MDI-X connection, and RJ45 connector.

Transfer Distance

Twisted cable: 100m (standard Cat5/Cat5e/Cat6 cables)

LED Indicator

Power indicator: PWR (Green)

Max power for PSE indicator: MAX (Yellow)

Port link/act indicator

➤ 1~5: LINK/ACT (Green)

➤ 2~5: PoE (Yellow)

Power Supply

Power Pin Assignment: 1/2(+),3/6(-)

Input voltage: DC 51V, 1.25A

Consumption

Maximum output via PoE: 60W

Maximum power consumption: 68.8W (220V/50Hz)

Working Environment

Working temperature: -20~50℃

Storage temperature: -40~70℃

Working humidity: 10%~90% (non-condensing)

Storage humidity: 5%~90% (non-condensing)

Mechanical Structure

Dimensions (L×W×H): 140mm x 76mm x 27.7mm

Warranty

3 years

Certification

CE, FCC, RoHS, UL508 (Pending)

Please check 3onedata's website for the most up-to-date certification status