Videosec®

PS04PGE+1PD

User Guide

4-Port Gigabit+1GE(PD) PoE Switch

Package Contents

Check the following contents of your package:

- PoE Switch   x 1
- User's Manual   x 1
- Rubber Feet   x 4

If any part is lost and damaged, please contact your local agent immediately.
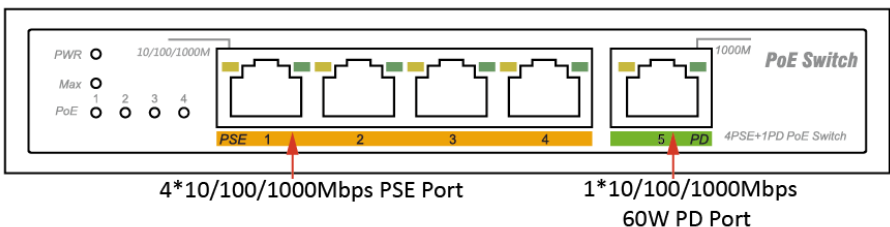
1. Introduction

Thank you for choosing This PoE Switch. The PoE Switch 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. This PoE Power supply support external power supply and PoE.

4-Port Gigabit+1GE(PD) PoE Switch 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.

2. Hardware Description

2.1 Front Panel

The Front Panel of the PoE Ethernet Switch Consists of 5-Port Ethernet Ports. The LED indicators are also located on the panel.
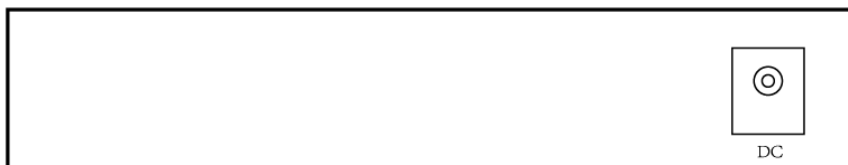

4*10/100/1000Mbps PSE Port   1*10/100/1000Mbps
                                       60W PD Port

LED indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the switch has power.
10/100M	Orange	Off: No device is connected to the corresponding port. Light: Indicates the link through that port is successfully established at 10/100Mbps. Blink: Indicates that the Switch is actively sending or receiving data over that port.
1000M	Green	Off: No device is connected to the corresponding port. Light: Indicates the link through that port is successfully established at 1000Mbps. Blink: Indicates that the Switch is actively sending or receiving data over that port.
PoE	Orange	Off: No PoE powered device (PD) connected. Light: There is a PoE PD connected to be port, which supply power successfully. Blink: Indicates port abnormal power supply.
Max	Orange	Off: indicate the PoE usage is less than 80%. Light: Indicate the PoE usage is over 80%, No power may be supplied if additional PD are connected. Blink: Indicate the PoE usage is over 100%.

2.2. Rear Panel

The rear panel of the PoE Switch indicates a DC inlet power socket.

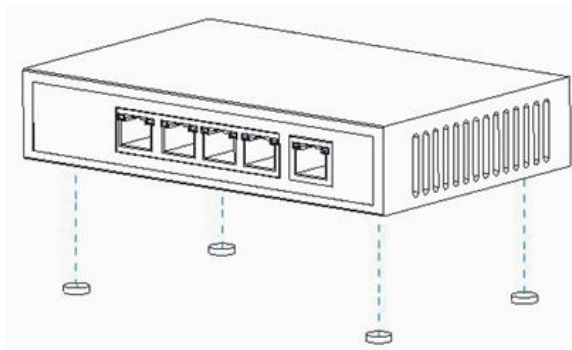*** DC：DC Power Socket, connect the power adapter.

3. Installation the Switch

This part describes how to install your Ethernet Switch and make connections to it. Please follow the following instructions in avoid of incorrect installation causing device damage and security threat.

- Before cleaning the switch, unplug the power plug of the switch first. Do not clean the switch with wet cloth or liquid;
- Do not place the switch near water or any damp area. Prevent water or moisture from entering the switch chassis;
- Do not place the switch on an unstable case or desk. The switch might be damaged severely in case of a fall;
- Ensure proper ventilation of the equipment room and keep the ventilation vents of the switch free of obstruction;
- Make sure that the operating voltage is the same one labeled on the switch;
- Do not open the chassis while the switch is operating or when electrical hazards are present to avoid electrical shocks.

3.1. Desktop Installation

Install the Switch on a desktop, please attach these cushioning rubber feet provided on the bottom at each corner of the Switch in case of the external vibration. Allow adequate space for ventilation between the device and the objects around it.

3.2 Turn on the switch

The PoE switch can be used with DC power supply. Powering on the switch, it will automatically initialize and its LED indicators will respond as follows:

1) Firstly, the Power LED indicator will light up.

2) Then, the data LED indicators will flash momentarily for one second, which represents a resetting of the system.

Specifications

Model	4-Port Gigabit+1GE(PD)
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 cable (≤100m) 1000BASE-T: UTP category 5e,6 cable (≤100m)
MAC Address Table	2K, Auto-learning, Auto-aging
Transfer mode	Store-and-Forward
Frame Forward Rate	10Base-T: 14881pps/Port 100Base-TX: 148810pps/Port 1000Base-T: 1488095pps/Port
Switching Capacity	10G
Dimensions (L*W*H)	140*92.5*28mm
Fan	Fanless
Power supply	55V DC/1.1A AC/DC Adapter or PoE
PSE Port	Port1~4
PSE Power on RJ45	Mode A 1/2(+),3/6(-)
PSE Power Output	Voltage: 55V DC Power: 32W(Max)
PSE Power Budget	55W
PD Port	Port5
PD Power on RJ45	Mode A: 1/2(+),3/6(-) or Mode B: 4/5(+),7/8(-)
PD Port input	60W
Temperature	Operating Temperature: 0°C ~ 40 °C (32 °F ~104°F) Storage Temperature: -40 °C ~ 70 °C (-40 °F ~158°F)
Humidity	Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing