

SWITCH, 4 (PoE) + 2 GIGABIT PORTS ART. IPSWP06N01A



Please read this manual thoroughly before use and keep it for future reference

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Package contents

Check the contents of your package:

- PoE switch x 1
- User manual x1
- Power supply x1
- Power cord x 1
- Accessories

If any part is lost and damaged, please contact your dealer.

Introduction

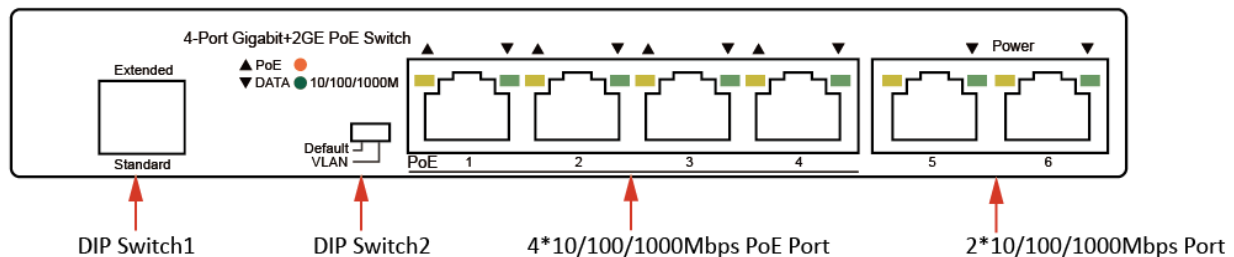
The device have 4 (PoE) +2 Fast uplink 10/100/1000Mbit/s RJ45 ports that increase the speed of your network server and backbone connections, made Gigabit connection to a server or uplink a network.

The PoE ports automatically detect and power the IEEE 802.3af/at compliant Powered Devices (PD). Support QoS (according to 1: 2: 4: 8 weight configuration), when the network is overloaded or congested. The power is transmitted with the data in one single cable.

Hardware description

Front panel

The front panel consists of Ethernet RJ45 ports and the related leds.



Dip switch 1

Standard mode

Numbers 1-4 correspond to PoE port1 ~ port4.

In this mode there is a normal communication between the ports with auto-negotiation.

Extend mode

In this mode the PoE ports operate with auto-negotiation at 10Mbit/s speed in duplex mode only. The distance of PoE power and network data can reach 200m.

Dip switch 2

Default: normal communication between the ports 1~6.

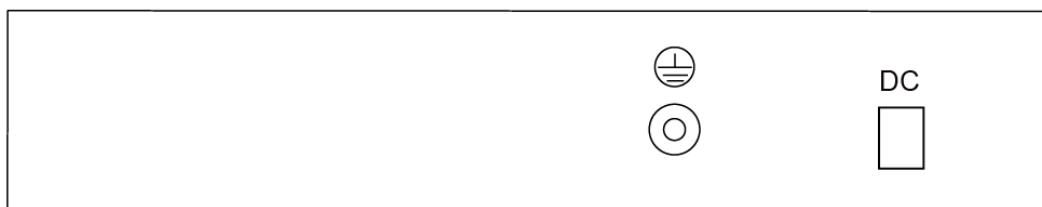
VLAN: 1-4 ports are divided into a single VLAN but can communicate with the ports 5-6.

Note: after changing the mode, there is no need to restart the device

LED indications

LED	Color	Function
Power	Orange	OFF: no power supply. ON: power supply connected.
DATA	Green	OFF: no device connected to the corresponding port. ON: the link through the port is successfully established at 10/100/1000Mbit/s. Blink: the switch is sending or receiving data.
PoE	Orange	OFF: no PoE (PD) connected. ON: PD successfully connected to the port.

Rear panel



DC: power supply input.



: connect to the ground to prevent lightning strike.

Installation

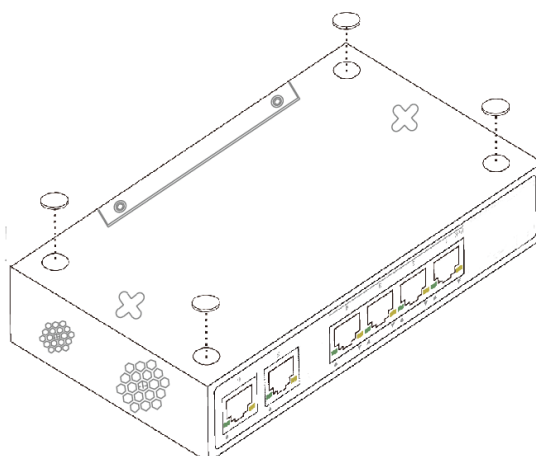
This part describes how to install the switch and make the connections. Please follow the instructions to avoid damages and security problems.

- Before cleaning the switch, unplug the power supply. 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 into the chassis
- Do not place the switch on an unstable place or desk. The switch might be damaged severely in case of fall
- Ensure proper ventilation of the equipment and keep the ventilation vents free of obstructions
- Make sure that the operating voltage is correct

Do not open the chassis while the switch is powered to avoid electrical shocks.

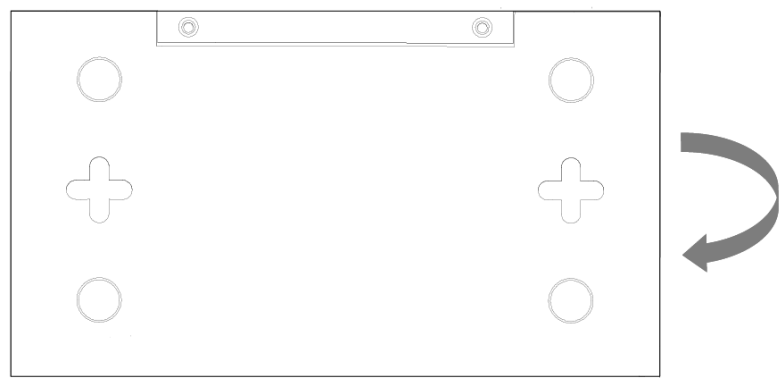
Desktop installation

Attach the rubber feet provided on the bottom at each corner. Allow adequate space for ventilation between the device and the objects around it.



Wall-mounted installation

Fix the switch on the wall with 2 screws



Turn ON the switch

When powered, the switch start automatically, the led lights up as follows:

- the Power led lights up
- the data led blink for one second (represents the system reset)

Specifications

Supported standards	IEEE802.3, IEEE802.3u, IEEE802.3ab ,IEEE802.3az, IEEE802.3x,IEEE802.3af, IEEE802.3at
Network cables	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m) 1000BASE-T: UTP category 5e cable (≤100m)
MAC address table	4K, auto-learning, auto-aging
Transfer mode	Store-and-Forward
Frame forward rate	8.9Mpps
Switching capacity	12Gbit/s
Dimensions (L x H x D)	168 x 32 x 93mm
Fan	Fanless
PoE ports	1~4
PoE power on RJ45	Mode A: pin 1/2 (+), pin 3/6 (-)
Power supply	54.5VDC/32W (max)
PoE power budget	65W
Temperature	Operating: 0°C ~ 40 °C (32 °F ~104°F) Storage: -40 °C ~ 70 °C (-40 °F ~158°F)
Humidity	Operating: 10% ~ 90% non-condensing Storage: 5% ~ 90% non-condensing