

# User Guide

16GE (PoE) +2G SFP High Power PoE Switch with LCD display

PoE Port 1-4:Max 60W,PoE Port 5-16: Max 32W

## Package Contents

Check the following contents of your package:

- PoE Switch x 1
- User Guide x1

- Power Cord x1
- Accessories(Rack Mount Accessory Kit\*2 ,Rubber Feet\*4, screw\*8)

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

## Introduction

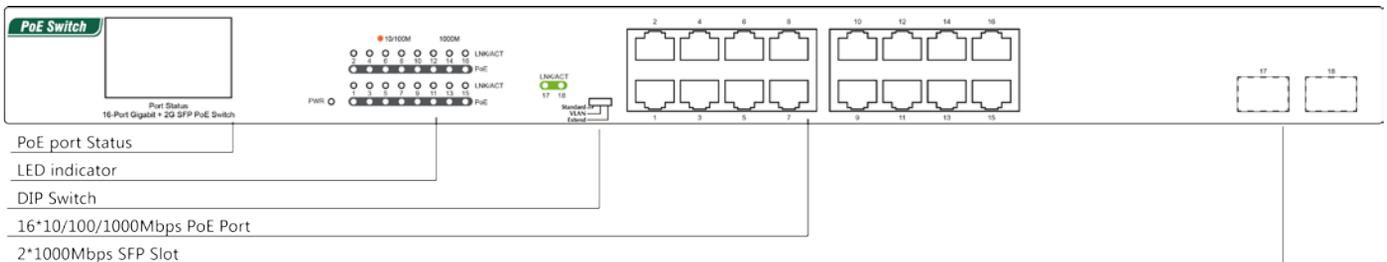
P6-S18GL PoE switch is 16-port 10/100/1000Mbps PoE switch with 2 SFP Slots. The PoE ports can automatically detect and supply power to IEEE802.3af/at compliant Powered Devices (PD). The electrical power and data transmission on the same cable can expand your network to the places where no power lines or outlets, where you can install devices such as APs, IP cameras, or IP phones etc.

The PoE Switch provides a simple, cost effective, and non-blocking wire-speed performance with 19-inch metal shape for rack deployment in office or department network application.

## Hardware Description

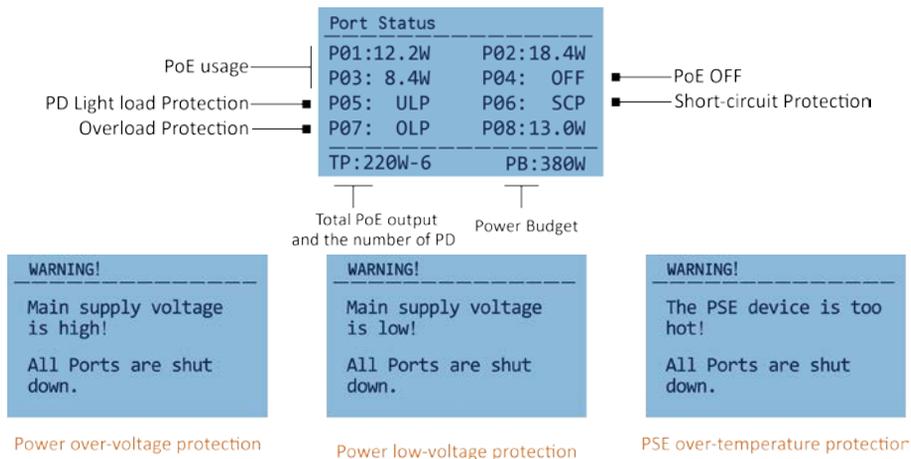
### Front Panel

The Front Panel Consists of Ethernet Ports. The LCD and LED indicators are also located on the panel.



### PoE Status

The PoE Switch is with the function of the LCD display and PoE. The LCD can display the working condition of PoE port not only, still can accurately show the state of each port, such as: Output power, Overload, Short circuit, Light load, Low voltage, Over voltage, High temperature, and so on...



### LED indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the switch has power.

LNK/ACT	Red	<p>Off: No device is connected to the corresponding port.</p> <p>Light: Indicates the link through that port is successfully established at 10/100Mbps.</p> <p>Blink: Indicates that the Switch is actively sending or receiving data over that port.</p>
	Green	<p>Off: No device is connected to the corresponding port.</p> <p>Light: Indicates the link through that port is successfully established at 1000Mbps.</p> <p>Blink: Indicates that the Switch is actively sending or receiving data over that port.</p>
PoE	Orange	<p>Off: No PoE powered device (PD) connected.</p> <p>Light: There is a PoE PD connected to be port, which supply power successfully.</p> <p>Blink: Indicates port abnormal power supply.</p>

### DIP Switch

The DIP switch located on the left panel.

**Standard** the factory default mode, can normal communication between port 1~18.

**VLAN:** 1-16 port can be isolated each other but 1-16 port can connect to 17/18 port after open VLAN to stop broadcast storm to increase forwarding rate of frame.

**Extend:** Up to 250m PoE distance allows you to expand you network via Ethernet cable to where there is no power line or outlet but where you want to fix device such as IP Cameras.

### Rear Panel

The rear panel of the PoE Switch indicates an AC inlet power socket, which accepts input power from 100 to 240V AC, 50/60HZ.



### Power socket

Connect the female connector of the power cord here, and the male connector to the AC(Alternating Current) power outlet. Please make sure the voltage of the power supply meets the requirement of the input voltage

### Grounding column

The switch already comes with lightning protection mechanism. You can also ground the switch through the PE (Protecting Earth) cable of AC cord or with Ground Cable.

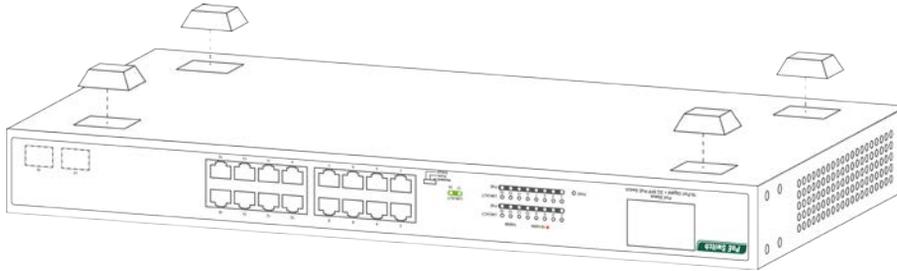
## Installation the Switch

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.

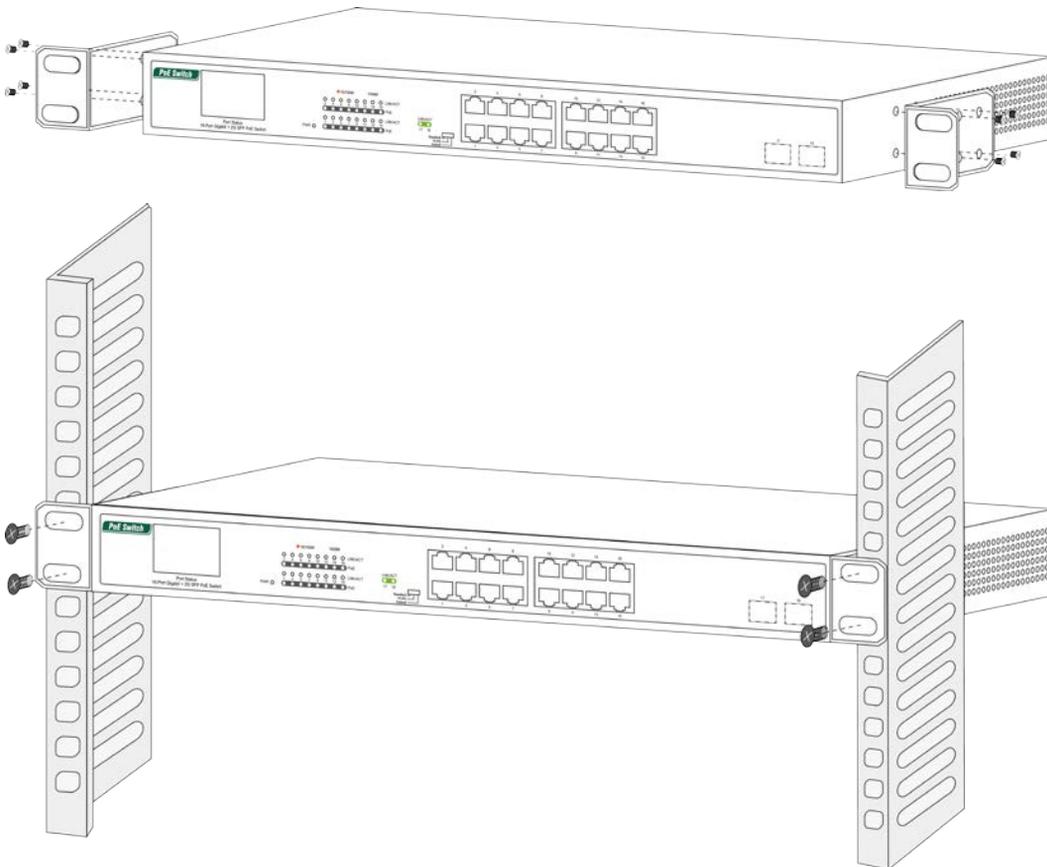
### Desktop Installation

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.



### Rack-mountable Installation

The switch is rack-mountable and can be installed on an EIA-19 inch equipment rack. To do this, first, please install the mounting brackets on the switch's side panels (one on each side), secure them with the included screws, and then use the screws provided with the equipment rack to mount the switch on the 19 inch rack.



### Turn on the switch

Please connect the AC power cord into the rear of the switch and to an electrical outlet (preferably one that is grounded ). When the switch is power on, the LED indicators flash momentarily for one second, which represents a resetting of the system.The Power LED indicator turns on green.

Note: Please confirm the voltage is correct before power on, otherwise the switch will be damaged.

(The power input is:100V-240Vac, 50/60Hz.)

## Specifications

Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3az, IEEE802.3x IEEE802.3af, IEEE802.3at
Network Media	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m) 1000BASE-T: UTP category 5e cable (≤100m) 1000BASE-X: MMF, SMF
MAC Address Table	8K, Auto-learning, Auto-aging
Transfer mode	Store-and-Forward
Frame Forward Rate	10Base-T: 14881pps/Port 100Base-TX: 148810pps/Port 1000Base-T/X: 1488095pps/Port
Switching Capacity	36G
Dimensions (L*W*H)	440 *232 *45 mm
Fan Quantity	2
Power Input	AC: 100~240V, 50/60Hz
PoE Port	Port1~16
PoE Power on RJ45	Mode A 1/2(+),3/6(-)
PoE Power Output	Voltage: 55V DC Power: 60W(Max)
PoE Power Budget	240W/330W/380W(According to the power)
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