

### Product Overview



PSH04GE+4GE is my company independent development of 60W PoE switch with LCD display, provides 8- 10/100/1000 Mbps RJ45 port, all ports support MDI/ MDIX function. Among them 1-4 ports have PSE function, using 4 twisted-pair cable to the terminal equipment of power supply at the same time, the output power up to 60 W, complies with IEEE802.3 af/at standard, can automatically detect identification standard of electrical equipment and through the cable power supply to them.

The LCD not only can display the PoE work status, accurate judgment port of load, can also help customer and engineer timely discover and solve the network failure, improve work efficiency and quality.

### Features

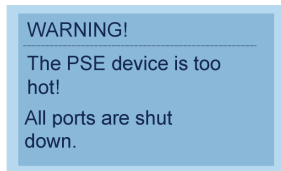
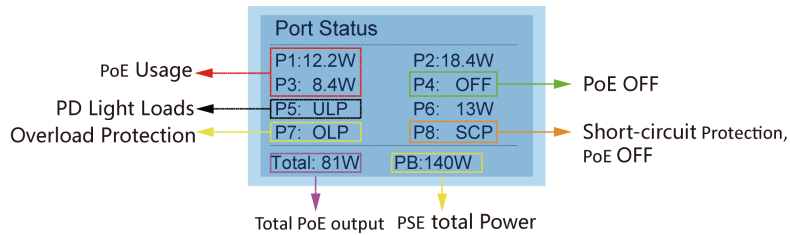
- 8\*10/100/1000Mbps RJ45 ports
- 4 PSE ports(port1~4)
- Complies with IEEE802.3af/at Power over Ethernet standard
- Supports PoE Power up to 60W for each PoE port
- Auto detect power device
- PoE Overload Alarm LED
- Remote power and Data feeding up to 100m
- Flow Control for Full Duplex operation and back pressure for Half Duplex Operation
- 8K MAC address, automatic address learning and address aging
- Support LCD display
- Support Energy-Efficient Ethernet (EEE) function (IEEE802.3az)

## PoE Features

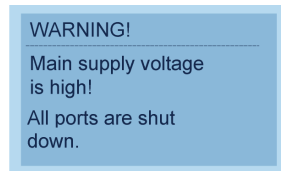
The PSH04GE+4GE can provide up to 60 Watts of power to attached devices, such as POS,PTZ cameras, WiMax, VoIP phones, wireless access points, surveillance cameras etc, all over existing cat. 5cables. The switch eliminates the need for individual power sources for devices in the network, saving on costs for power cables and avoiding power outlet availability issues.

## LCD Features

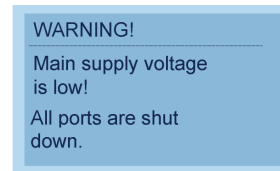
PSH04GE+4GE is with the function of the LCD display and PoE Ethernet switch. The LCD can display the working condition of PoE port not only, still can accurately show the state of each port, such as: Output power, Overload, Short circuit, Light load, Low voltage, Over voltage, High temperature, and so on...



PSE Over-Temperature Protection



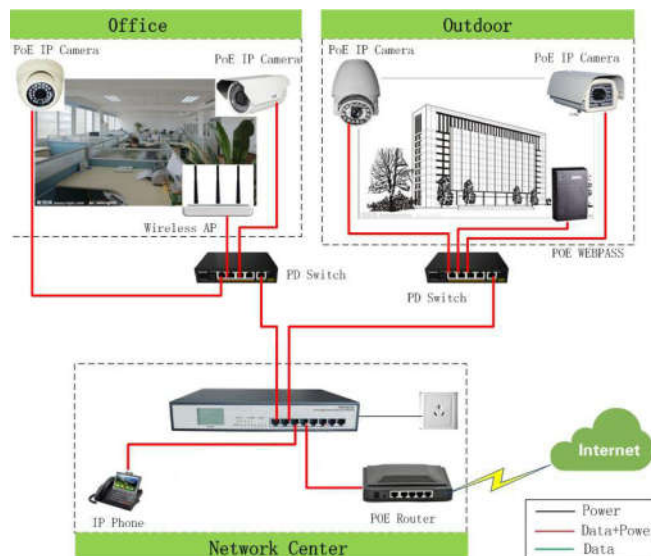
Power Over-Voltage Protection



Power Low-Voltage Protection

## Application

PSH04GE+4GE is an ideal solution for IEEE 802.3af/at and High Power IEEE 802.3at/4-pairs 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 802.3at PoE currently.



## Specification

Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3x, IEEE802.3af, IEEE802.3at/bt
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	PWR(Green) PoE (Orange) LNK/ACT: 10/100M (Orange)1000M (Green)
LCD Display	Support
MAC Address Table	8K, Auto-learning, Auto-aging
Transfer mode	Store-and-Forward
Switching Capacity	16G
Dimensions (L*W*H)	280x179x44.5mm
Fan	Fan
Power Input	AC: 100~240V, 50/60Hz
Power Output	55VDC /3.6A
Certification	CE,FCC ClassB
PoE port	Port 1~4
PoE Power on RJ-45	<b>Twisted-pair polarity:</b> 1/2(-),3/6(+);and4/5(+),7/8(-)
PoE Power Output	Per port 55V DC Max. 60W
PoE Power Budget	140W
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	±6KV
Certification	CE、FCC ClassA
MTBF	>50000 hour
Electrostatic standard	Contact 4KV, air 6KV
Green energy saving	Support IEEE (802.3az)