



*We Connect the World*



## **PSW-508D**

8-Port Giga Switch with 7  
Passive PoE Ports and 1 Port  
Uplink

IEEE802.3af / 802.3at Compatible

Giga PoE Switch (7+1)

Per PoE 12V-57V/1A Output

Power RJ45 4,5/7,8 pin

12V-57V DC IN

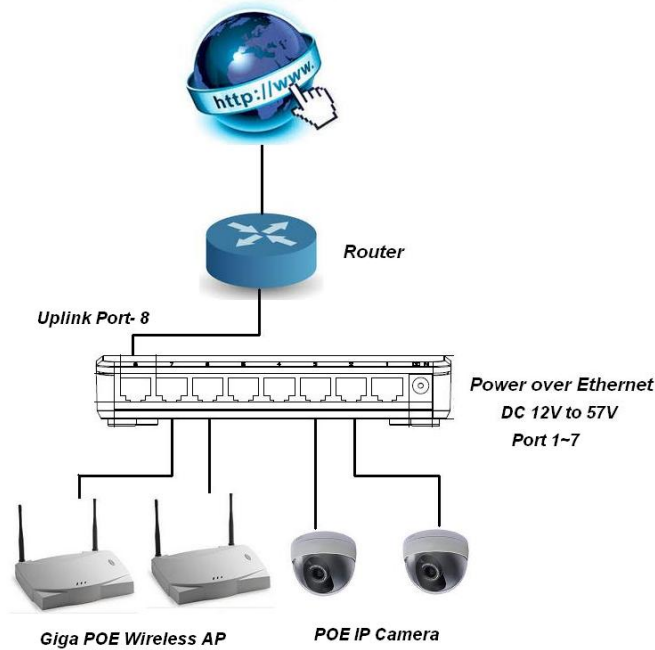
For PoE AP,  
IP Camera, IP Phone

Power over Ethernet (POE) may delivery and transmit data and power on an Ethernet cable at same time. By eliminating the power cords and the power infrastructure, PSW-508D greatly simplifies the wiring and deployment matters and brings lot of convenience and benefits in home, office and industrial environments

PheeNet PSW-508D is Power Sourcing Equipment (PSE) that supply power to the powered device (PD). More and more network attachments today, such as IP Phones, Wireless Access Points, and IP Cameras, are designed as a PD.

As a provision, 1 port are especially reserved for uplink or connection to PC/Notebook / Server (NON POE Devices) only. The benefits are to offer connection to POE (Port 1 to Port 7) and NON POE (L1 Port) only which can provide more flexibility for various applications oriented deployments and topologies.

## Application:



## Features:

- **8\*10/100/1000 Mbps Auto-negotiation Giga Ethernet RJ 45 with 7-Port POE function (Power +Data : P1 to P7) , 1 port for Uplink or connect to PC /Server/Notebook**
- **Voltage Support : 12V- 57V (Max : 1A) , from Switch to Power Device (POE AP , POE IP Camera ,IP Phone)**
- **Switch Device Input Voltage : 12VDC – 57VDC**
- **Each port supports auto MDI/MDIX**
- **Flow control fully supported:**
  - **Half-duplex: backpressure flow control**
  - **Full-duplex: IEEE802.3x flow control**
- **Provide non-blocking wire speed reception and transmission**
- **Embedded SRAM for packet storage**
- **1024-entry look-up table in direct mapping mode**
- **Embedded 16-entry CAM for hash collision mapping**
- **Optional maximum packet length 1536/1522 Bytes**

## Specification:

Hardware Specifications	
Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3ab 1000BASE-TXII
Protocol	CSMA/CD
Topology	Star
Number of Ports (Data only)	1 x 10/100/1000Mbps Auto-negotiation, Auto-MDIX POE (L1) For PC/Server/Notebook (Non POE device) only
Number of Ports (Data & Power)	7 x 10/100/1000 Mbps Auto-negotiation, Auto-MDIX POE (P-1 to P-7) For POE Power Device only (Such as POE AP , POE IP Camera )
Network Data Transfer Rate	Ethernet : 10Mbps (Half-duplex) , 20Mbps(Full-duplex) Fast Ethernet : 100Mbps( Half-duplex) , 200Mbps (Full-duplex) Giga Ethernet : 1000Mbps (Half-duplex ) ,2000Mbps(Full-duplex)
POE (Power Over Ethernet)	Data : Pin 1/2, 3/6, 4/5 and 7/8 Power : Pin 4/5 and 7/8 Voltage Support :12V- 57V Max Current : 1A (for Cat 5 Cable limitation)
Diagnostic LEDs	Per Unit : Power * 1 Per Fast Ethernet : Activity * 8
Voltage Range	12VDC – 57VDC
Power Consumption	8W ( max. no PD device connected )
Power Connector (Interface)	DC-Jack Screw Terminal Block : for external Power System (optional)
Bundle Power Supply	Not included in Standard Package
Temperature	Operating : 0 – 40°C Storage : -10 – 70°C
Humidity	Operating : 10% - 90% RH Storage : 5% - 90% RH
Certificate	FCC, CE
Package Content	PSW-508D Proprietary POE Switch x 1 User Guide x 1 AC/DC Power Adapter x 1 (option) Power Cord x 1 (option)

## PheeNet Technology Corp.

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