

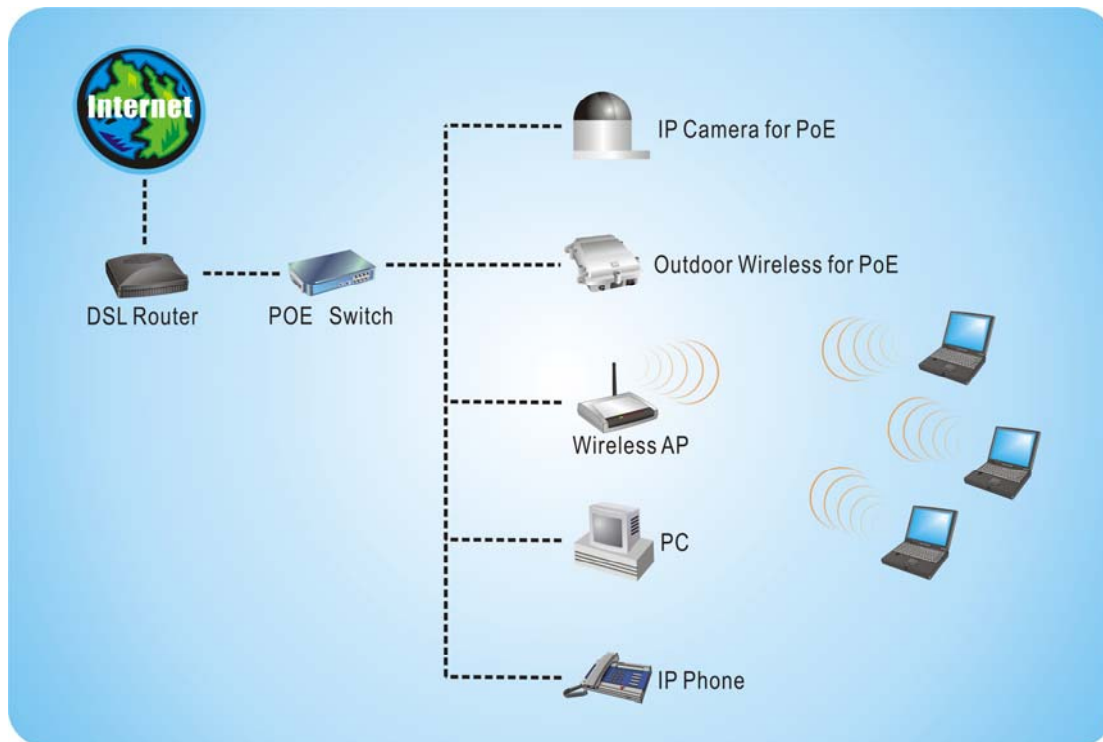


## PSW-404

8-Port 100/10Mbps Ethernet Switch with 4 x PoE Ports

PheeNet PSW-404 is an 8-Port 10/100Mbps Fast Ethernet Switch with 4-Port PoE and some background information about Ethernet/Fast Ethernet, Switching and Power over Ethernet technology. The PoE ports are under the standard of IEEE802.3af with maximum of 15.4W per port. For those users who have the PoE built-in devices, and look for the cost-effective solution, PSW-404 will be your ideal choice.

### APPLICATION



### Features

1. 8×10/100Mbps Auto-negotiation Fast Ethernet RJ45 ports with 4-port PoE function
2. Compliant with IEEE802.3af specification
3. Supports PoE power maximum 15.4W for each PoE ports
4. Supports PoE Powered Device (PD) classification identify
5. Each port supports auto MDI/MDIX, so there is no need to use cross-over cables or an up-link port
6. Full/half duplex transfer mode for each port

7. Wire speed reception and transmission
8. Store-and-Forward switching scheme capability to support rate adaptation and ensure data integrity
9. Up to 1K unicast addresses entities per device, self-learning, and table aging
10. 96KBytes packet buffer
11. Supports IEEE 802.3x flow control for full-duplex mode ports
12. Supports Back-pressure flow control for half-duplex mode ports

## Specification

Industrial Standard	
Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3af
Ports	<ol style="list-style-type: none"> <li>1. 4 x 10/100Mbps Auto-negotiation, Auto-MDIX PoE ports (port 1 ~ port 4)</li> <li>2. 4 x 10/100Mbps Auto-negotiation, Auto-MDIX Fast Ethernet ports (port 5 ~ port 8)</li> </ol>
Network Media	<ol style="list-style-type: none"> <li>1. 10BASE-T Ethernet: UTP Cat. 3,4,5, Unshielded Twisted Pair (UTP) Cable</li> <li>2. 100BASE-TX Fast Ethernet: UTP Cat. 5, Unshielded Twisted Pair (UTP) Cable</li> <li>3. PoE port: UTP Cat. 5, Unshielded Twisted Pair (UTP) Cable</li> </ol>
Topology	Star
Network Data Transfer Rate	<ol style="list-style-type: none"> <li>1. Ethernet : 10Mbps (Half-duplex) , 20Mbps (Full-duplex)</li> <li>2. Fast Ethernet : 100Mbps (Half-duplex) , 200Mbps (Full-duplex)</li> </ol>
Potocol	CSMA / CD
PoE (Power over Ethernet)	<ol style="list-style-type: none"> <li>1. Up to 15.4W per port</li> <li>2. PD classification identify</li> <li>3. PoE Over Current Protection</li> <li>4. PoE Circuit sorting protection</li> <li>5. PoE Power on RJ-45 pin 3,6 for Power+ and pin 1,2 for Power</li> </ol>
Data RAM Buffers	96KBytes per device
Filtering Address Table	1K entries per device
Hardware	
Environment	Temperature & Humidity : Operating: 0 ~ 40 °C, Operating: 10% ~ 90% RH Storage: -10 ~ 70 °C, Storage: 5% ~ 90% RH
LED Indicators	Per Unit : Power ( 1LEDs ) Per Fast Ethernet port : Link/Activity, Speed ( 2 LEDs ) Per PoE port: PoE Status, Link/Activity, Speed (3 LEDs)
Power Supply	External Power Adapter 2.6 watts. (max. no PD device connected) 65 watts (max. with 8 x 15.4w PoE Device connected)
Dimensions	171(W) x 98(H) x 29(D) mm

Safety	cUL (UL 60950) CB(IEC 60950)
Certificate	FCC Class B, CE mark Class B, VCCI-B

## **PheeNet Technology Corp.**

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