

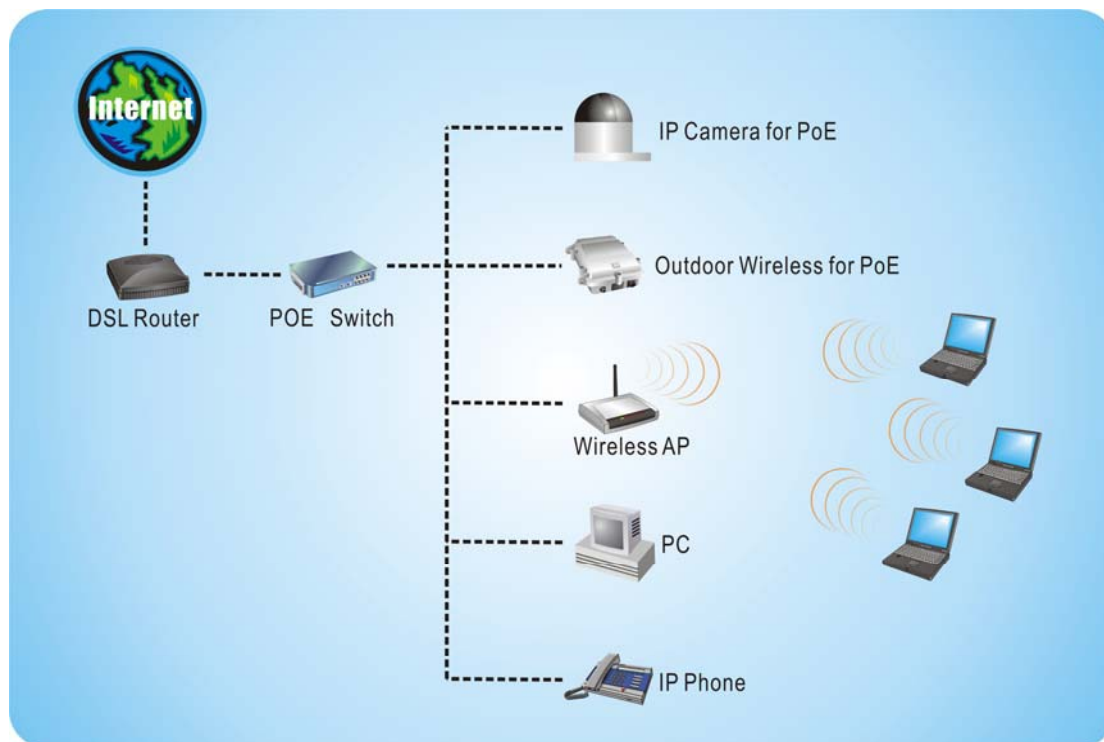


PSW-808S

16-Port 100/10Mbps Ethernet Switch with 8 x IEEE802.3af PoE Ports + VLAN + Trunking + Web Configure (Web-Smart)

PheeNet PSW-808S is a 16-Port 10/100Mbps Ethernet switch with 8-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. With the user friendly web management interface, it enables you to do many management & security functions, like VLAN, port-based QoS, and trunking. For those users who have the PoE built-in devices, seek for some advanced switch functions, PSW-808s will be your ideal choice.

APPLICATION



Features

1. 16×10/100Mbps Auto-negotiation Fast Ethernet RJ45 ports with 8-port PoE function (port-1 ~ port-8)
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 4K unicast addresses entities per device, self-learning, and table aging
10. 512KBytes 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
13. Supports 802.1Q VLAN
14. Supports Port based/802.1P based QoS (Quality of Service)
15. Supports Port based Trunking
16. Supports Port-mirroring
17. Supports Port-setting for Speed/Disable, Flow control
18. Support Port based bandwidth rate control(Ingress rate and Egress rate)
19. Easy configuration via WEB Browser
20. Easy setting via Web Management Utility
21. Standard 19" Rack-mount size

Specification

Industrial Standard	
Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3af IEEE 802.1Q (VLAN Tagging) IEEE 802.3x (Full-duplex flow control and Back pressue) IEEE 802.1P Based QoS
Ports	<ol style="list-style-type: none"> 1. 8 x 10/100Mbps Auto-negotiation, Auto-MDIX PoE ports (port 1 ~ port 4) 2. 16 x 10/100Mbps Auto-negotiation, Auto-MDIX Fast Ethernet ports (port 5 ~ port 8)
Network Media	<ol style="list-style-type: none"> 1. 10BASE-T Ethernet: UTP Cat. 3,4,5, Unshielded Twisted Pair (UTP) Cable 2. 100BASE-TX Fast Ethernet: UTP Cat. 5, Unshielded Twisted Pair (UTP) Cable 3. PoE port: UTP Cat. 5, Unshielded Twisted Pair (UTP) Cable
Topology	Star
Network Data Transfer Rate	<ol style="list-style-type: none"> 1. Ethernet : 10Mbps (Half-duplex) , 20Mbps (Full-duplex) 2. Fast Ethernet : 100Mbps (Half-duplex) , 200Mbps (Full-duplex)
Software	
Management	Web-based configuration / Web Management Utility Setting Port-setting for Speed/Disable, Flow control

Protocol	CSMA / CD
Port Mirror	RX, TX and Both packet
VLAN	Port based VLAN IEEE802.1Q Tag VLAN
QOS policy	Support 3 priority levels ID for two priority queue and allow to assign High and Low priority on each port
Bandwidth Control	Support each port bandwidth control. Per level 100Kbps
PoE (Power over Ethernet)	<ol style="list-style-type: none"> 1. Up to 15.4W per port 2. PD classification identify 3. PoE Over Current Protection 4. PoE Circuit sorting protection 5. PoE Power on RJ-45 pin 3,6 for Power+ and pin 1,2 for Power
Hardware	
Data RAM Buffers	512 KBytes per device
Filtering Address Table	4K entries per device
Environment	Temperature & Humidity : Operating: 0 ~ 40 °C, Operating: 10% ~ 90% RH Storage: -10 ~ 70 °C, Storage: 5% ~ 90% RH
LED Indicators	Per Unit : Power, System (2 LEDs) Per port : TX: Link/Activity, Speed (2 LEDs) PoE : PoE Status (port 1 ~ port 8)
Power	100 - 240VAC 50/60Hz, Internal Universal Switching Power
Power consumption	9 watts. (max. no PD device connected) 130 watts (max. with 8 x 15.4w PoE Device connected)
Dimensions	440(W) x 140(H) x 44(D) mm 19" Rack-Mount Size
Safety	cUL (UL 60950) CB(IEC 60950)

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