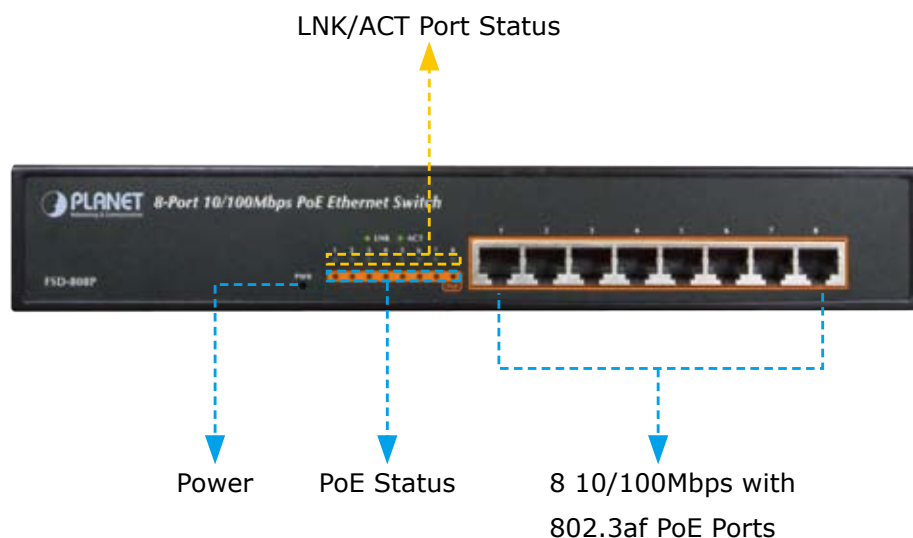


8-Port 10/100Mbps PoE Fast Ethernet Switch

Centralized Power Distribution for Ethernet Networking

To fulfill the demand of sufficient PoE power for Fast Ethernet network applications, PLANET introduces a new member in the 802.3af PoE Switch family - **FSD-808P**, the **8-Port 10/100Mbps 802.3af PoE Switch**. The FSD-808P supports **125 Watts** PoE budget and 8-Port 802.3af PoE power injector function to drive 8 IEEE 802.3af compliant powered devices. The **FSD-808P** also provides a simple, cost-effective, and non-blocking wire-speed performance with 12-inch metal shape for desktop deployment in compact housing, SOHO office or department network applications.



Easy Network Construction by PoE Function

Providing 8 IEEE 802.3af PoE interfaces, the **FSD-808P** is ideal for small business and workgroups to deploy the PoE network for the wireless access points, IP-based surveillance camera or IP phones in any places easily and efficiently. The PoE in-line power following the IEEE 802.3af standard makes the FSD-808P able to power on 8 PoE compliant devices at the distance up to 100 meters through the 4-pair Cat 5/5e UTP wire. With data and power over Ethernet from one unit, the FSD-808P shall reduce the need for extension cords and dedicated electrical outlets on the wall, ceiling or any unreachable place. In all, it lowers the installation costs and simplifies the deployment effort.

KEY FEATURES

RJ-45 INTERFACE

- 8-Port 10/100Mbps Fast Ethernet ports
- 8-Port supports 48V DC power to PoE Powered Device

POWER OVER ETHERNET

- Complies with IEEE 802.3af Power over Ethernet Mid-Span PSE
- Up to 8 IEEE 802.3af devices powered
- Supports PoE Power up to 15.4 Watts for each PoE port
- Auto detect powered device (PD)
- Circuit protection prevents power interference between ports
- Remote power feeding up to 100m

SWITCHING

- Hardware based 10/100Mbps Auto-Negotiation and Auto MDI/MDI-X
- Flow control for Full Duplex operation and back pressure for Half Duplex operation
- Integrates address look-up engine, supporting 2K absolute MAC addresses
- Automatic address learning and address aging

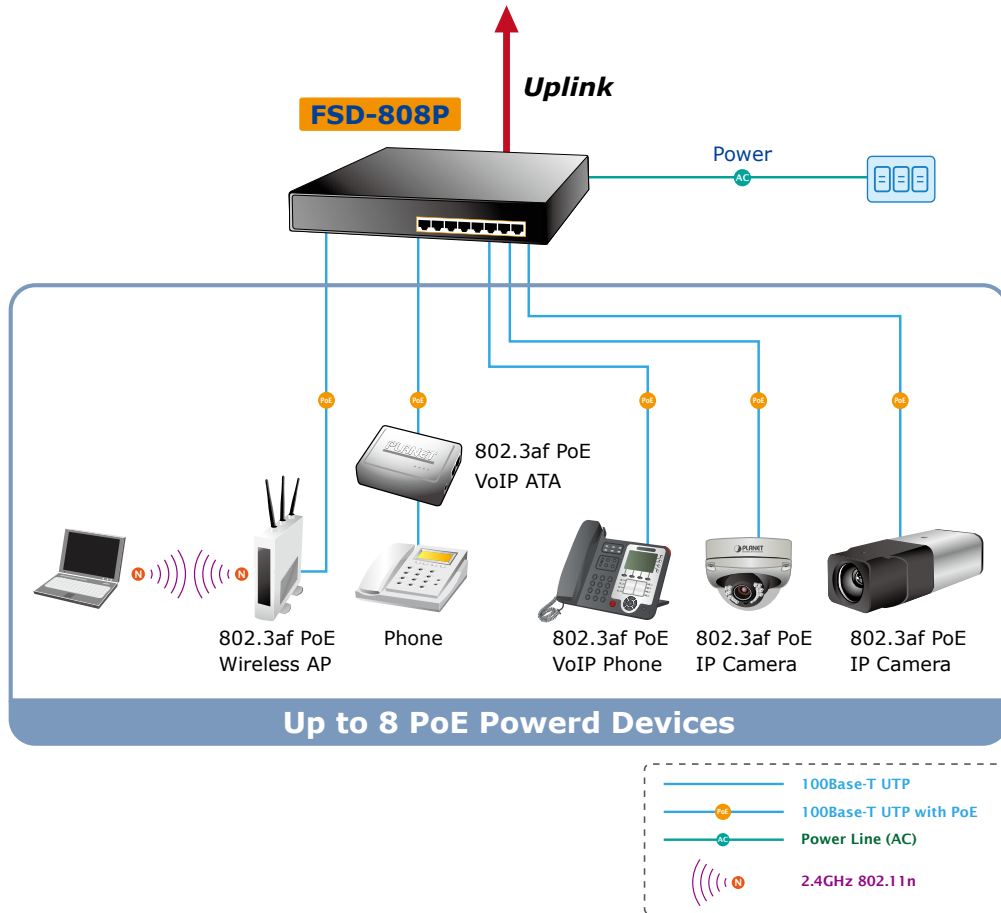
HARDWARE

- 12-inch desktop size, 1U height
- LED indicators for PoE ready and PoE activity
- 1 silent FAN to provide stable and efficient power performance

APPLICATIONS

Department / Workgroup PoE Switch

Providing 8-Port PoE in-line power interfaces, the FSD-808P can easily build a power centrally-controlled IP phone system, IP Camera system and Wireless AP group for the enterprise. For instance, up to 8 PoE IP cameras can be installed around the corner in the company for surveillance demands or up to 8 PoE Wireless AP to build a wireless roaming environment in the office. Without the power-socket limitation, the Switch makes the installation of cameras or Wireless AP more easily and efficiently.



SPECIFICATION

Product	8-Port 10/100Mbps PoE Fast Ethernet Switch	
Model	FSD-808P	
Hardware Specification		
Network Connector	8-Port RJ-45 for 10/100Base-TX	
PoE Inject Port	8-Port with 802.3af PoE injector function	
LED Display	System: Power (Green)	
	Per port : PoE (Green) LNK/ACT (Green)	
Switch Architecture	Store and Forward switch architecture	
MAC Address	2K MAC address table with Auto learning function	
Switch Fabric	1.6Gbps	
Switch Throughput	1.19Mpps@64Bytes	
Power Requirement	AC 100~240V, 50/60Hz, 1.5A max.	
Power Consumption	Max.135 Watts / 460 BTU	
Dimension (W x D x H)	280 x 180 x 43 mm	
Weight	1.65kg	
Power over Ethernet		
PoE Standard	IEEE 802.3af Power over Ethernet / PSE	
PoE Power Supply Type	Mid-Span	
PoE Power Output	Per Port 48V DC, 350mA . Max. 15.4 Watts	
Power Pin Assignment	4/5(+), 7/8(-)	
PoE Power Budget	125 Watts	
Standard Conformance		
EMI Safety	FCC Class A, CE	
Standard Compliance	IEEE 802.3	Ethernet
	IEEE 802.3u	Fast Ethernet
	IEEE 802.3x	Flow Control
	IEEE 802.3af	Power over Ethernet
Environment		
Operating Environment	0 ~ 50 Degree C	
Storage Environment	-40 ~ 70 Degree C	
Operating Humidity	5 ~ 95%, relative humidity, non-condensing	
Storage Humidity	5 ~ 95%, relative humidity, non-condensing	

ORDERING INFORMATION

FSD-808P	8-Port 10/100Mbps PoE Fast Ethernet Switch
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