

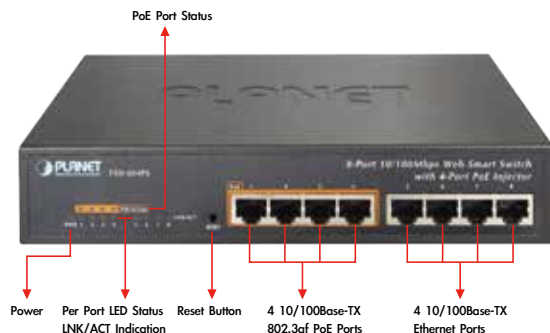
## 8-Port 10/100Mbps with 4-Port PoE Web Smart Ethernet Switch



### Cost-effective Centralized Power Distribution with Remote Management

For cost saving and the flexibility of using PoE power provision, half of the 10/100Mbps TP ports of the FSD-804PS provide PoE power injector function which is able to drive 4 IEEE 802.3af compliant powered devices.

For SOHO or department network, the switch also provides a simple, cost-effective, and highly reliable network connection for data as well as power. Furthermore, it is the ideal device for bridging among Ethernet, Fast Ethernet workgroups and networks.



### Easy Cabling installation

With data and power over Ethernet, the FSD-804PS is able to reduce cable installation and eliminate the need for electrical outlets on the wall, ceiling or any unreachable place. Energy saving is the key feature of the use of PoE in the deployment. With more efficient switching power supply, the efficiency of the FSD-804PS would be much better than four linear power adapters in the long run.

Providing 4 PoE interfaces, the FSD-804PS is ideal for small businesses and workgroups requiring to utilize PoE for the deployment of wireless access points, IP-based surveillance cameras or IP phones in any places easily, efficiently and cost-effectively.

### Interface

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

### PoE

- Complies with IEEE 802.3af Power over Ethernet End-Span PSE
- Up to 4 IEEE 802.3af devices powered
- Supports PoE Power up to 15.4 watts for each PoE port
- Auto detects powered device (PD)
- Circuit protection prevents power interference between ports
- Remote power feeding up to 100m

### PoE Management

- Total PoE power budget control
- Per port PoE function enable / disable
- PoE Port Power feeding priority
- Per PoE port power limit
- PD classification detection

### Management

- Web interface for remote management
- Firmware upgrade through Web interface
- PLANET Smart Discovery utility automatically finds PLANET devices on the network
- SNMP Trap for alarm notification of events

### Switching

- Hardware based 10/100Mbps Auto-negotiation and Auto MDI / MDI-X function
- Flow control for full duplex operation and back pressure for half duplex operation
- Integrates address look-up engine, supporting 1K absolute MAC addresses
- Automatic address learning and address aging
- IEEE 802.1Q Tag based VLAN and Port-based VLAN
- 2 priority queues on all switch ports
- Port based, IP DSCP and 802.1p tag priority QoS
- Ingress / Egress Bandwidth Control
- Port Security

### Hardware

- 10-inch desktop size, rack mountable; 1U height
- Reset button for reset to default setting and system reboot
- LED indicators for POE ready and POE activity
- Optional rack ear accessories kit for 10-inch cabinet (RKE-10A) and 19-inch cabinet (RKE-10B)
- 1 silent fan to provide stable and efficient power performance

*Friendly / Simple Web Management Interface*

The Web smart functions make it easy to survey and control the PoE power provision to the devices by the Web interface. Basic switching functions such as VLAN, Bandwidth Control, Storm Control and QoS are available for network management.

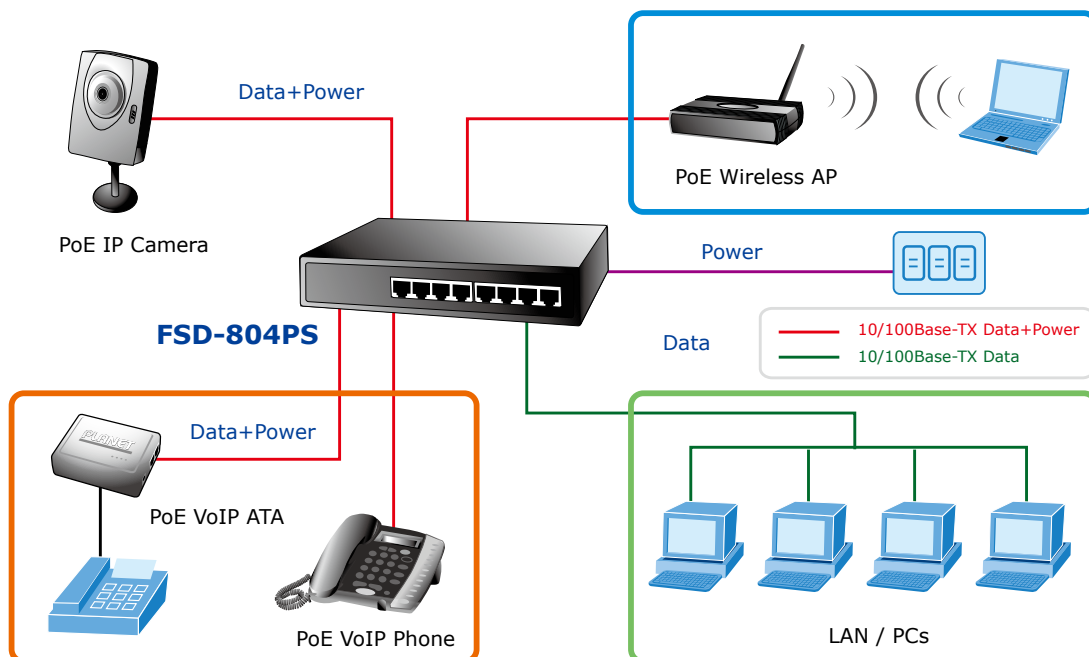


## Applications

*Department/ Workgroup PoE Switch:*

Providing up to 4 PoE, in-line power interfaces, the switch can easily build a power centrally-controlled IP phone system, IP camera system and AP group for the enterprise. For instance, 4 cameras / APs can be easily installed around the corner in the company for surveillance demands or build a wireless roaming environment in the office.

Without the power-socket limitation, the switch makes the installation of cameras or WLAN APs easier and more efficient.



## Specifications

Model	FSD-804PS	
<b>Hardware Specifications</b>		
Network Connector	8-port RJ-45 for 10/100Base-TX	
PoE Inject Port	4-port with PoE injector function, Port-1 to Port-4	
LED Display	One power 1-4 port PoE in-use, LNK / ACT 1-8 port LNK / ACT	
Switch Architecture	Store and Forward switch architecture	
Switch Fabric	1.6Gbps	
MAC Address	1K MAC address table with auto learning function	
Throughput	1.19Mpps	
Power	AC 100~240V, 50/60Hz,	
Power Consumption	Max. 65 watts / 221 BTU	
Dimensions (W x D x H)	217 x 135 x 43 mm	
Weight	1.0 kg	
<b>Power over Ethernet</b>		
PoE Standard	IEEE 802.3af Power over Ethernet / PSE	
PoE Power Supply Type	End-Span	
PoE Power Output	Per Port 48V DC, 350mA . Max. 15.4 watts	
Power Pin Assignment	1/2(+), 3/6(-)	
PoE Power Budget	60 watts	
<b>Layer 2 Function</b>		
Management	Web management, SNMP Trap	
VLAN	Port-based VLAN and IEEE 802.1Q Tag-based VLAN, up to 16 VLAN groups	
QoS	2 priority queues for three type of Class of Service • Port-based • IEEE 802.1p priority tag • TCP / IP header's DSCP classifier Weighted Round Robin queue scheduling	
Bandwidth Control	Inbound Rate Limit and Outbound Traffic shaping	
Storm Control	Disable, 12.5%, 25%, 50%, 62.5% 4 levels	
<b>Standard Conformance</b>		
EMI Safety	FCC Class A, CE	
Operating Environment	0~40 degrees C, 10%~95%RH	
Storage Environment	-40 ~70 degrees C, 95% RH	
Operating Humidity	5% to 90% , relative humidity, non-condensing	
Storage Humidity	5% to 90% , relative humidity, non-condensing	
Standard Compliance	IEEE 802.3	Ethernet
	IEEE 802.3u	Fast Ethernet
	IEEE 802.3x	Flow Control
	IEEE 802.3af	Power over Ethernet
	IEEE 802.1p	Class of Service
	IEEE 802.1Q	VLAN Tagging

\* The above specifications are for FSD-804PS hardware version 3 only.

## Ordering Information

FSD-804PS	8-Port 10/100Mbps with 4-Port PoE Web Smart Switch
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## Related Products

FSD-804P	8-Port 10/100Mbps with 4-Port PoE Switch
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C-FSD-804PSv3

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