

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



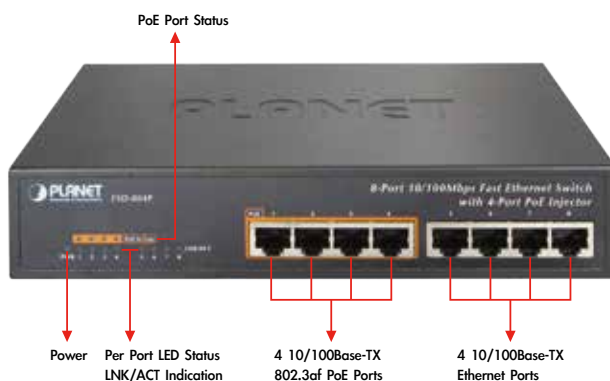
### Cost-effective Centralized Power Distribution

For cost saving and flexible use of PoE power provision, half of the 10/100Mbps TP ports of the FSD-804P 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 Ethernet and Fast Ethernet workgroups or networks.

### Easy Cabling Installation

With data and power over Ethernet, the FSD-804P can reduce cables and eliminate the need for electrical outlets on the wall, ceiling or any unreachable place. A wire carries both data and power lowering the installation costs, simplifying the installation effort and eliminating the need for electricians or extension cords. The key feature of the FSD-804P is energy saving. With more efficient switching power supply, the efficiency of the FSD-804P would be much better than four linear power adapters in the long run.

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



### Interface

- 8 10/100Mbps Fast Ethernet ports
- 4-Port support 48VDC power to PoE Powered Device

### PoE over Ethernet

- 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 ports
- Auto detects 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, support 1K absolute MAC addresses
- Automatic address learning and address aging

### Hardware

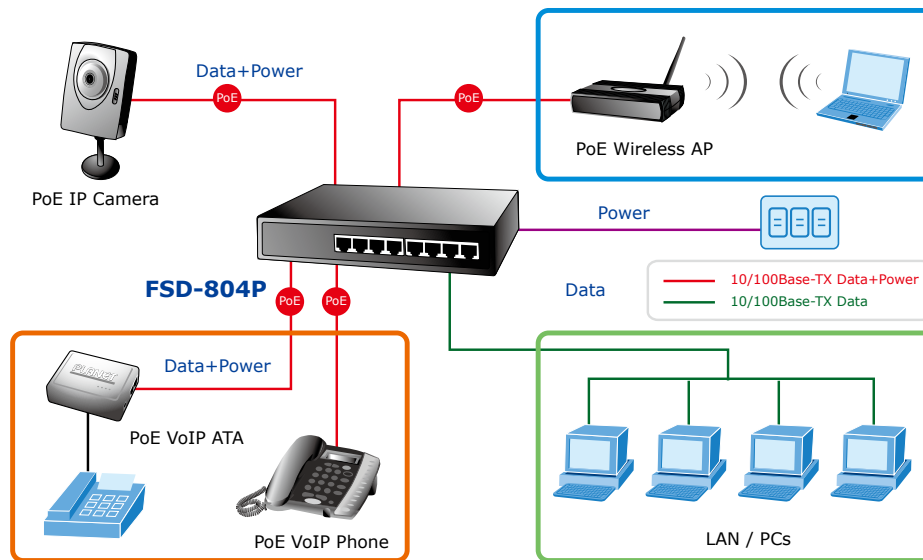
- 10-inch desktop size, rack mountable; 1U height
- LED indicators for POE ready and POE activity
- Optional Rack Ear Accessories Kit for 10-inch cabinet (RKE-10A) and 19-inch cabinet (RKE-10B)
- 1 silent FAN to provide stable and efficient power performance

## Product Applications

### Department/ Workgroup PoE Switch:

Providing up to 4 PoE, in-line power interface, 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 AP easier and more efficiently.



## Specifications

Model	FSD-804P
<b>Hardware Specifications</b>	
Network Connector	8-Port RJ-45 for 10/100TX
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, 5-8 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	1.19Mbps
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	55 watts
<b>Standard Conformance</b>	
EMI Safety	FCC Class A, CE
Operating Temperature	0~50 degrees C
Storage Temperature	-10 ~70 degrees C
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

## Ordering Information

FSD-804P	8-Port 10/100Mbps with 4-Port PoE Switch
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## Accessories

RKE-10A	PLANET 10" Desktop Switch to 10-inch Rack Mount Kit
RKE-10B	PLANET 10" Desktop Switch to 19-inch Rack Mount Kit

### PLANET Technology Corporation

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C-FSD-804P