

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



Cost Effective Centralized Power Distribution

For cost saving and flexible using of PoE power provision, half of the 10/100Mbps TP ports of 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 to Fast Ethernet workgroups or networks.

Easy Cabling Installation

With data and power over Ethernet from one unit, the FSD-804P shall reduce cables and eliminates the need for dedicated 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. We are also proud of the key feature – energy saving. With more efficient switching power supply, the efficiency of the FSD-804P would be much better than four linear power adapters in a long run.

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

KEY FEATURES

INTERFACE

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

POWER OVER ETHERNET

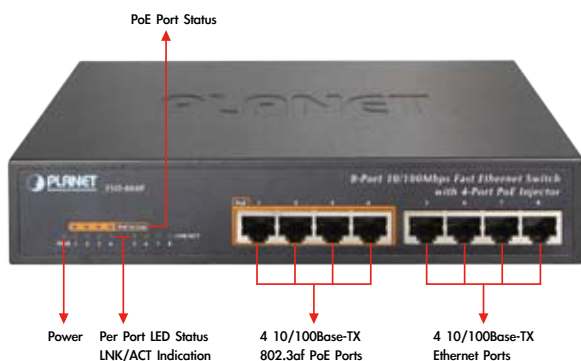
- Comply with IEEE 802.3af Power over Ethernet End-Span PSE
- Up to 4 IEEE 802.3af devices powered
- Support PoE Power up to 15.4 Watts for each PoE ports
- Auto detect powered device (PD)
- Circuit protection prevent power interference between ports
- Remote power feeding up to 100m

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

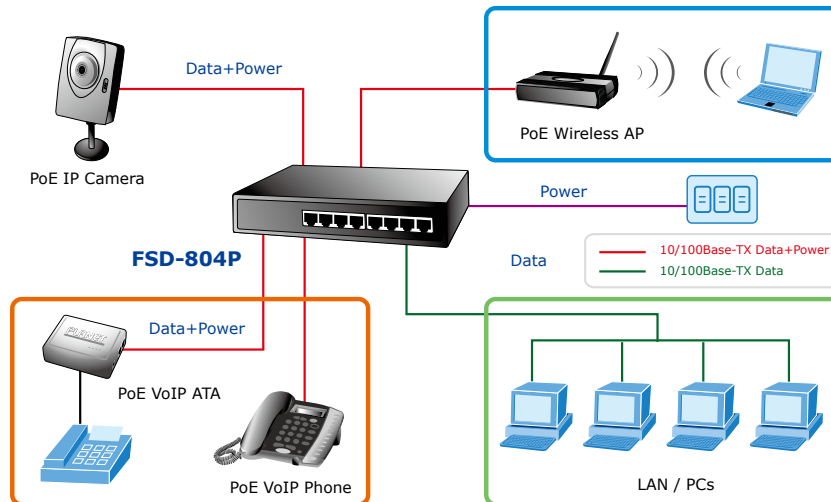
- 10-inch desktop size, rack mountable; 1U height
- LED indicators for POE ready and POE activity
- Optional Rack Ear Accessories Kit for 10-inch cabinet (RKE-10A) and 19-inch cabinet (RKE-10B)
- 1 silent FAN to provide stable and efficient power performance



APPLICATIONS
Department/ Workgroup PoE Switch

Providing up to 4 PoE, in-line power interface, the Switch can easily build a power central-controlled IP phone system, IP Camera system, AP group for the enterprise. For instance, 4 camera / AP 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 more easily and efficiently.


SPECIFICATION

Product	8-Port 10/100Mbps with 4-Port PoE Switch	
Model	FSD-804P	
Hardware Specification		
Hardware Version	3	
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, 1.2A	
Power Consumption	Max. 65 Watts / 221 BTU	
Dimension (W x D x H)	217 x 135 x 43 mm	
Weight	1.0 kg	
Power over Ethernet		
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	
Standard Conformance		
EMI Safety	FCC Class A, CE	
Operating environment	0~50 Degree C	
Storage environment	-10 ~70 Degree C	
Operating Humidity	5% to 95% , relative humidity, non-condensing	
Storage Humidity	5% to 95% , relative humidity, non-condensing	
Standard Compliance	IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3af	Ethernet Fast Ethernet Flow Control Power over Ethernet

* The specification is for FSD-804P hardware version 3 only

ORDERING INFORMATION

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

RELATED ACCESSORIES

RKE-10A	Rack-Mount Kit for 10-Inch Cabinet
RKE-10B	Rack-Mount Kit for 19-Inch Cabinet

RELATED PRODUCTS

IP Cameras	
ICA-2200	Full HD PoE Box IP Camera
ICA-3350V	3 Mega-Pixel Vari-Focal Bullet IR IP Camera
ICA-5350V	3 Mega-Pixel Vandal Proof IR IP Camera
ICA-HM101	2 Mega-Pixel PoE Cube IP Camera
ICA-HM126	H.264 Full HD Box IP Camera
ICA-HM126R	H.264 Full HD Real-Time Box IP Camera
ICA-HM127	3 Mega-Pixel H.264 Box IP Camera
ICA-HM131	H.264 Full-HD Fixed Dome IP Camera
ICA-HM131R	H.264 Real Time Full-HD Fixed Dome IP Camera
ICA-HM132	H.264 2 Mega-Pixel 20M IR Vari-Focal Dome IP Camera
ICA-HM135	H.264 Mega-Pixel 20M IR Vandal Proof Dome IP Camera
ICA-HM136	H.264 2 Mega-Pixel 20M IR Vandal Proof Dome IP Camera
ICA-HM312	2 Mega-Pixel 25M IR Outdoor Bullet PoE IP Camera
ICA-HM316	2 Mega-Pixel Outdoor IR PoE IP Camera
ICA-HM317	3 Mega-Pixel 25M IR Outdoor Bullet PoE IP Camera
ICA-HM351	2 Mega-Pixel 35M IR Outdoor Box PoE IP Camera
ICA-HM830	H.264 2 Mega-Pixel Fish-Eye Panorama IP Camera
ICA-HM835	2 Mega-Pixel Vandal Proof Fish-Eye IP Camera
POE-152S	IEEE 802.3af Power over Ethernet Splitter
POE-162S	IEEE 802.3at Gigabit High Power over Ethernet Splitter
POE-E101	IEEE 802.3af Power over Ethernet Extender
POE-E201	IEEE 802.3at Power over Ethernet Extender
Wireless Access Points	
WNAP-C3220	802.11n Wireless Ceiling Mount PoE Access Point
WNAP-1120PE	802.11n Wireless Access Point with PoE
WNAP-3000PE	802.11n Enterprise PoE Access Point
IP Phones	
VIP-254PT	802.3af PoE SIP IP Phone
VIP-255PT	Multi-Language PoE IP Phone
VIP-256PT	802.3af PoE SIP IP Phone
VIP-360PT	Business PoE IP Phone
VIP-361PE	Professional PoE IP Phone (5-Line)