

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



For cost saving and flexible using of PoE power provision, half of the 10/100Mbps TP ports of 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.

With data and power over Ethernet from one unit, the FSD-804PS 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-804PS would be much better than four linear power adapters in a long run.

Providing 4 PoE interfaces, the FSD-804PS 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.

The 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, Trunk, QoS are available for network management.

KEY FEATURE

- 8-Port 10/100Mbps Fast Ethernet ports
- 4-Port support 48VDC power to PoE Powered Device
- Ethernet standards comply with IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3x Flow Control and IEEE 802.3af Power over Ethernet.
- Hardware based 10/100Mbps auto-negotiation.
- Flow control for full duplex operation and back pressure for half duplex operation
- Integrates address look-up engine, support 2K absolute MAC addresses
- Automatic address learning and address aging
- Supports Auto MDI/MDI-X function
- LED indicators for easy network diagnostic
- Web management
- VLAN for network segregation
- Port trunk bandwidth aggregation
- Per port High/Low transmission priority configuration
- PoE power Disable/Enable by management interface
- PoE power consumption monitoring
- Supports PLANET Smart-DISCOVERY Utility for deploy management
- EMI standards comply with FCC class A, CE

SPECIFICATION

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

Model	FSD-804PS
Hardware	
Network Connector	8-Port RJ-45 for 10/100TX
PoE Inject Port	4-Port with PoE injector function, Port-1 to Port-4
PoE Output power budget	55 Watts
LED Display	One power 1-4 port PoE in-use, LNK/ACT, 100 5-8 port LNK/ACT, 100
Switch Architecture	Store and forward switch architecture
Switch Fabric	1.6Gbps
MAC Address	2K MAC address table with Auto learning function
Throughput	1.19Mbps
Remote Power Feeding	End-point insert type and compatible with IEEE 802.3af Per port feeding power: 48V DC, 15.4W, 350mA (Maximum) (Pin 1, 2, 3, 6)
Power	AC 100~240V, 50/60Hz
Power Consumption	Max. 65 watts / 221 BTU
Dimension (W x D x H)	217 x 135 x 43 mm
Weight	1.0 kg
Layer 2 Function	
Management	Web management
VLAN	Port-Based VLAN and IEEE 802.1Q Tag-Based VLAN, up to 8 VLAN groups
Port priority	High/Low
QoS	Traffic classification based on 802.1p priority and Port-Based priority
Storm Control	Disable, 10%, 20%, 40%, 4 levels
Port Trunk	Port #7 and #8, fixed
PoE power control	Power provision Enable/Disable, priority configuration, Power Limit
Standard Conformance	
EMI Safety	FCC Class A, CE
Operating environment	0~40 degree C, 10%~95%RH
Storage environment	-40 ~70 degree 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

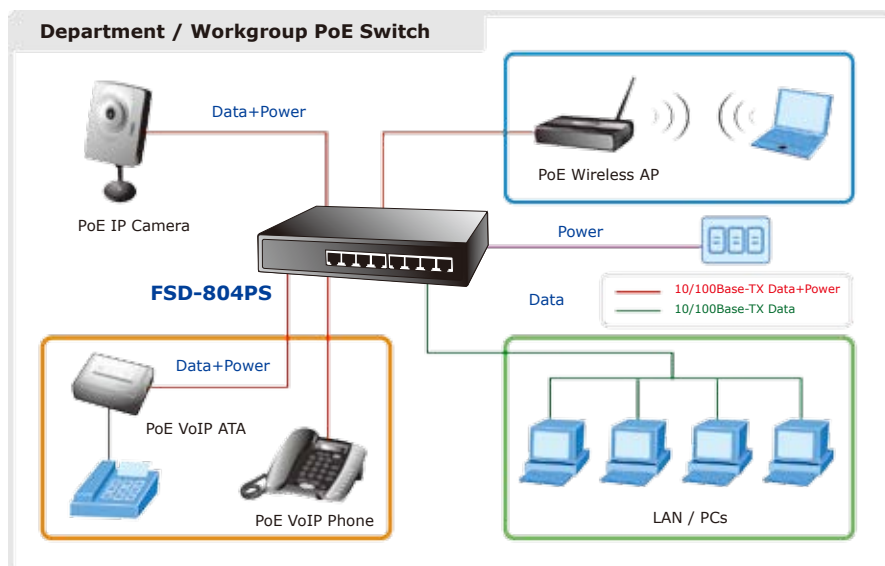
* The specification is for FSD-804PS hardware version 2 only

APPLICATIONS

Department / Workgroup PoE Switch

Providing up to 4 PoE, in-line power interfaces, 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.



ORDERING INFORMATION

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

RELATED PRODUCTS

FSD-804P	8-Port 10/100Mbps with 4-Port PoE Switch
RKE-10A	Rack-mount kit for 10-inch cabinet
RKE-10B	Rack-mount kit for 19-inch cabinet
POE-151S-5V	IEEE 802.3af Power over Ethernet Splitter with 5V DC output (Mid-Span)
POE-151S-9V	IEEE 802.3af Power over Ethernet Splitter with 9V DC output (Mid-Span)
POE-151S-12V	IEEE 802.3af Power over Ethernet Splitter with 12V DC output (Mid-Span)

POE POWERED EQUIPMENTS

FSD-803PE	8-Port 10/100Mbps Fast Ethernet Switch with 802.3af Splitter Built-in
FSD-504PE	5-Port 10/100Mbps Fast Ethernet Switch with 802.3af Splitter Built-in
WAP-4033PE	54Mbps 802.11g WLAN Access Point with PoE
WAP-4060PE	54/108Mbps Super G WLAN Managed Access Point with PoE
VIP-154PT/VIP-155PT	SIP/ PoE IP Phone (2 x RJ-45, 802.3af PoE)
VIP-156PE	SIP/ PoE Analog Telephone Adapter (2 x RJ-45, 1 x FXS)
ICA-150	802.3af Power over Ethernet Internet Camera
ICA-310	802.3af Power over Ethernet Internet Camera