

8-Port 10/100Mbps Desktop Fast Ethernet Switch (Internal Power)



For easy home networking Switch solution, PLANET releases the new FSD-805 series wall mountable 10/100Mbps Fast Ethernet Switch which offers palm size and desktop installation with internal power supply.

With 8 independent ports and auto-negotiation capability, all the RJ-45 ports in the FSD-805 can be configured to data rate of 10/20Mbps or 100/200Mbps automatically. To meet the increasing bandwidth requirements for local area networks, the Switch provides non-blocking wire-speed performance and 1.6Gbps internal switching fabric. The PLANET FSD-805 is the ideal option to alleviate the bottleneck in client / server and peer-to-peer environments in a cost-effective way.

All RJ-45 copper interfaces built in the FSD-805 support 10/100Mbps Auto-Negotiation for optimal speed detection through RJ-45 Category 5, 5e or 6 cables. With Auto-MDI/MDI-X feature support, the FSD-805 can detect the type of connection to any Ethernet device without the need of special straight or crossover cables.

The Flow Control function allows FSD-805 Fast Ethernet Switch support routers and servers to directly connect to this Switch for fast and reliable data transfer.

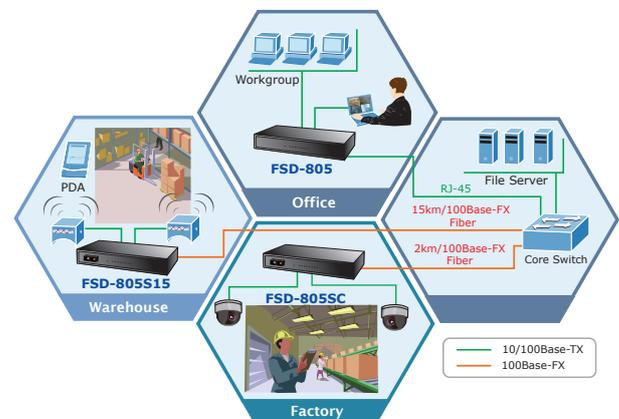
KEY FEATURES

- Complies with the IEEE 802.3 Ethernet and IEEE 802.3u Fast Ethernet standard
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- Support 2K MAC address table
- Support to handle up to 1522 bytes packet size
- LED indicators for simple diagnostics and management
- Hardware based 10/100Mbps auto-negotiation
- Full / Half-Duplex capability on every TX ports, total bandwidth is up to 200Mbps per port
- IEEE 802.3x PAUSE frame flow control for full duplex operation
- Backpressure flow control for half duplex operation
- Automatic source address learning and aging
- Compact size, wall-mountable design
- Internal power adapter 100-240V AC, 50/60Hz, 0.2A
- FCC, CE class A compliant

APPLICATIONS

Ideal Switch for Home / SOHO and Space-limited Locations

With 8 10/100Mbps Fast Ethernet ports, the FSD-805 provides a cost-effective and high-performance solution for Home / SOHO applications. In multiple applications, the advanced functionality of the FSD-805 eliminates traditional issues associated with current Ethernet environment. The maximum TP port transmit distance can be up to 100m.



SPECIFICATION

Product	8-Port 10/100Mbps Desktop Fast Ethernet Switch (Internal Power)
Model	FSD-805
Hardware Specification	
10/100Base-TX Ports	8
Dimensions (W x D x H)	191 x 85 x 26 mm
Weight	325g
Power Requirement	Internal power 100-240V AC, 50/60Hz, 0.2A
Power Consumption / Dissipation	4.3 watts / 14.6 BTU
Switch Specification	
Switch Processing Scheme	Store-and-Forward
Address Table	2K entries
Share data Buffer	1Mbit on-chip frame buffer
Flow Control	Back pressure for half duplex IEEE 802.3x Pause Frame for full duplex
Switch fabric	1.6Gbps
Throughput (packet per second)	11.9Mpps
Network cables	10/100Base-TX: 2-Pair UTP Cat. 3, 4, 5 (100meters, max.) EIA/TIA-568 100-ohm STP (100meters, max.)
Standards Conformance	
Standards Compliance	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Full-duplex flow control
Temperature	Operating: 0~50 Degree C Storage: -40~70 Degree C
Humidity Operating	Operating: 5~ 90% Storage: 5~90% (Non-condensing)
Regulation Compliance	FCC Part 15 Class A, CE

ORDERING INFORMATION

FSD-805	8-Port 10/100Mbps Desktop Fast Ethernet Switch (8 RJ-45, 100m)
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RELATED PRODUCTS

FSD-805SC	8-Port 10/100Mbps Desktop Fast Ethernet Switch with 1-Port shared 100Base-FX (SC, Multi-mode~2km)
FSD-805S15	8-Port 10/100Mbps Desktop Fast Ethernet Switch with 1-Port shared 100Base-FX (SC, Single-mode~15km)