

# 10"/19" Rack Mountable 10/100M Fast Ethernet Switch



PLANET's FSD series products provide an easy and cost effective way to boost Your network performance while preserving your network infrastructure, including installed cabling and desktop software and hardware.

They are versatile for various circumstances like desktop, 19-inch rack and even 10-inch rack installation. Range from 8T, 7T+1F, 16T and 15T+1F, you can combine these products as your network need and enjoy the convenient of identical dimension and similar outlook. Choice of a fiber optic port models provide great convenient to extend your network up to 15km or even more.

What's more, the 16-Port model, FSD-1601 and FSD-1600 also support simple smart function. It helps the switches support port-based VLAN, dual-priority QoS and port trunk. The VLAN support should separate each port into a dedicated VLAN that only up link to the backbone through the long distance fiber-optic link. Its dual-priority help to process the voice data in a higher priority. And port-trunk double the bandwidth between switches in an efficient way!

To make the installation more flexible, this family of FSD products could be placed on your desktop in a small room, could be installed in a 10-inch cabinet, free from un-authorized change or destroy of your packet networks, and you can also make it fit into the standard 19-inch cabinet or rack. All More easy and flexible in your precious data network installation.

## KEY FEATURE

- Comply with IEEE 802.3 10Base-T standards, IEEE 802.3u 100Base-TX
- 8/16-Port 100Base-TX Fast Ethernet Switch
- Optional 100Base-FX port, SC or ST interface, multi-mode or single-mode fiber optic connection
- High performance, non-blocking store-and-forward switching technology
- Automatic speed and duplex mode sensing
- Runt & CRC filtering eliminates erroneous packets to optimize the network bandwidth
- Filtering/Forwarding rate: 148800pps for 100Mbps, 14880pps for 10Mbps
- IEEE 802.3x full-duplex flow control, half-duplex back-pressure
- 1024/8192 MAC address table
- MDI/MDI-X auto-detection for easily switch/hub cascading
- Internal power supply

**SPECIFICATION**
**Product** 10/100M Fast Ethernet Switch

Model	FSD-800	FSD-801ST/SC/S15	FSD-1600	FSD-1601ST /SC/S15
<b>Standard</b>	IEEE 802.3, 10Base-T, IEEE 802.3u, 100Base-TX/100Base-FX			
<b>Ports</b>	8 RJ-45 (10/100)	8 RJ-45(10/100) 1 100FX(ST/SC/S15)	16 RJ-45 (10/100)	16 RJ-45 (10/100) 1 100FX(ST/SC/S15)
<b>Cabling</b>	10Base-T:	2-pair UTP Cat 3,4,5 (maximum 100m)		
	100Base-TX	2-pair UTP Cat.5 (maximum 100m)		
	100Base-FX	1-pair multi-mode fiber optic 62.5/125 mm or 50/125 mm (maximum 2km, for SC or ST models) 1-pair single-mode fiber optic 9/125 mm (maximum 15km, for S15 models )		
<b>LED Display</b>	Power 10/100M and 100FX port: 2 (100, Link/Active)			
<b>Dimensions (mm)</b>	217 x 135 x 43.5 1 U height, 10-inch / 19-inch rack mountable			
<b>Power Requirement</b>	100~240V AC, 50~60Hz			
<b>Temperature</b>	0~50 Degree C (operating)			
<b>Humidity</b>	0~90% non-condensing			
<b>Emission</b>	FCC, CE Class A			

**KEY BENEFIT**

- Choice of 8/16 10/100Base-TX Ethernet port
- Optional fiber port for extending distance up to 15km
- Internal power supply
- Desktop placement or 10 inch/19inch rack mounting
- MDI/MDI-X auto-detection

**ORDERING INFORMATION**

<b>FSD-800</b>	8-Port 10/100Base-TX Ethernet Switch
<b>FSD-801ST</b>	8-Port 10/100Base-TX, 1 port 100Base-FX Ethernet Switch (ST interface, multi-mode)
<b>FSD-801SC</b>	8-Port 10/100Base-TX, 1 port 100Base-FX Ethernet Switch (SC interface, multi-mode)
<b>FSD-801S15</b>	8-Port 10/100Base-TX, 1 port 100Base-FX Ethernet Switch (SC interface, single-mode)
<b>FSD-1600</b>	16-Port 10/100Base-TX Ethernet Switch
<b>FSD-1601ST</b>	16-Port 10/100Base-TX, 1 port 100 Base-FX Ethernet Switch (ST interface, multi-mode)
<b>FSD-1601SC</b>	16-Port 10/100Base-TX, 1 port 100 Base-FX Ethernet Switch (SC interface, multi-mode)
<b>FSD-1601S15</b>	16-Port 10/100Base-TX, 1 port 100 Base-FX Ethernet Switch (SC interface, single-mode)
	* All different fiber optic connector and distance option are available upon request
<b>Accessories for the Switch</b>	
<b>RKE-10A</b>	Rack Ear Accessories kit for FSD family to 10-inch cabinet
<b>RKE-10B</b>	Rack Ear Accessories kit for FSD family to 19-inch cabinet
	* Rack Ear Accessories is not with the standard package, and will be available upon request.