

# 1. Package Contents

Check the contents of your package for following parts:



FSD-1606 x 1      DC 9V, 1A Power Adapter x 1      User's Manual x 1

If any of these are missing or damaged, please contact your dealer immediately, if possible, retain the carton including the original packing material, and use them against to repack the product in case there is a need to return it to us for repair.

## ■ Hardware

- Plastic shape and Desktop size, wall mount designed
- LED indicators for system Power, per port Link / Act
- Supports to handle up to 1522bytes packet
- External DC 9V, 1A Power Adapter
- FCC Class B, CE compliant

### 2.1 Switch Front Panel

Figure 1-1 shows a front panel of FSD-1606.



Figure 1-1: FSD-1606 Front Panel



Power Notice

1. The device is a power-required device, it means, it will not work till it is powered. If your networks should active all the time, please consider using UPS (Uninterrupted Power Supply) for your device. It will prevent you from network data loss or network downtime.
2. In some area, installing a surge suppression device may also help to protect your Switch from being damaged by unregulated surge or current to the Switch or the power adapter.

### 2.4 Installing the FSD-1606

This part describes how to install your FSD-1606 and make connections to it. Please read the following topics and perform the procedures in the order being presented.



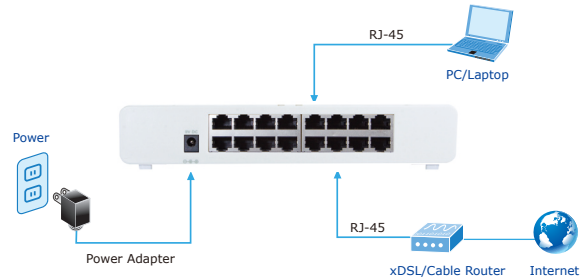
Note

This FSD-1606 does not need software configuration.

**Step 4:** Supply power to the FSD-1606.

- A. Connect one end of the power cable to the FSD-1606.
- B. Connect the 9V DC power adapter to a standard wall outlet.

When the Switch receives power, the Power LED should remain solid Green.



# 2. Product Features

## ■ RJ-45 Interface

- 16-Port 10/100Mbps Fast Ethernet ports
- Comply with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX

## ■ Switching

- Hardware based 10/100Mbps Auto-Negotiation and Auto MDI/MDI-X
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- Flow control for Full Duplex operation and back pressure for Half Duplex operation
- Integrates address look-up engine, supporting 4K absolute MAC addresses
- 1.625Mb RAM for Packet Buffer
- Switch Fabric: 3.2Gbps, Switch Throughput: 2.38Mpps
- Automatic address learning and address aging
- Comply with CSMA/CD protocol.

### 2.2 LED Indicators

LED	Color	Function
PWR	Green	Lit: Power on.
LNK/ACT	Green	Lit: indicate the link through that port is successfully established at 10/100Mbps. Blink: indicate that the Switch is actively sending or receiving data over that port.

### 2.3 Switch Rear Panel

Figure 1-2 shows a rear panel of FSD-1606.

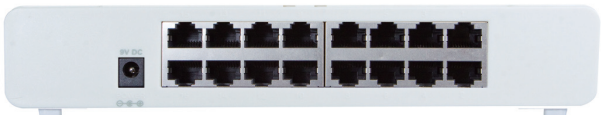


Figure 1-2: FSD-1606 Rear Panel

### Desktop Installation

To install the FSD-1606 on desktop, simply follow the next steps:

- Step 1:** Place the FSD-1606 on desktop near a DC power source.
- Step 2:** Keep enough ventilation space between the FSD-1606 and the surrounding objects.



Note

When choosing a location, please keep in mind the environmental restrictions discussed in Product Specifications.

**Step 3:** Connect your FSD-1606 to network devices.

- A. Connect one end of a standard network cable to the 10/100 RJ-45 ports on the Back of the FSD-1606.
- B. Connect the other end of the cable to the network devices such as printer servers, workstations or routers...etc.

### Wall Mount Installation

**Step 1:** Please find the wall that can mount the FSD-1606.

**Step 2:** Install two screws on the wall.

**Step 3:** Hang the FSD-1606 on the screws from the wall.

**Step 4:** Repeat step 4 of Desktop Installation for supply power to the FSD-1606.



Note

Before wall mount installation, please consider the material quality of wall, power socket location and Ethernet cable length.

3. Product Specifications

Model	FSD-1606
Hardware Specification	
Network Connector	16-Port RJ-45 for 10/100Base-TX
LED Display	System: Power x 1 (Green) Per Port: LNK/ACT (Green)
Switch Architecture	Store and Forward switch architecture
MAC Address Table	4K MAC address table with Auto learning function
Data Buffer	1.625Mb RAM
Switch Fabric	3.2Gbps
Switch Throughput	2.38Mpps
Maximum Packet Size	1522Bytes
Flow Control	Back pressure for Half-Duplex. IEEE 802.3x Pause Frame for Full-Duplex
Power Requirement	DC 9V, 1A Power Adapter
Power Consumption	6.3 Watts / 21BTU
Dimension (W x D x H)	220 x 135 x 35 mm
Weight	382g

4. Customer Support

Thank you for purchase PLANET products. You can browse our online FAQ resource at the PLANET web site first to check if it could solve you issue. If you need more support information, please contact PLANET switch support team.

PLANET online FAQ :

<http://www.planet.com.tw/en/support/faq.php?type=1>

Switch support team mail address :

[support\\_switch@planet.com.tw](mailto:support_switch@planet.com.tw)

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Home / SOHO Switch  
FSD-1606

[www.PLANET.com.tw](http://www.PLANET.com.tw)

16-Port Fast Ethernet Switch



PLANET Technology Corp.  
2351-A33270-000



Standard Conformance		
EMI Safety	FCC Class B, CE	
Operating environment	0 ~ 50 Degree C	
Storage environment	-10 ~ 70 Degree C	
Operating Humidity	5 ~ 95%, Relative Humidity, non-condensing	
Storage Humidity	5 ~ 95%, Relative Humidity, non-condensing	
Standard Compliance	IEEE 802.3 IEEE 802.3u IEEE 802.3x	Ethernet Fast Ethernet Flow Control