

## 1. Package Contents

### Check the following contents of your package:

- Gigabit Ethernet PoE PD Switch x 1
- User's Manual x 1
- Rubber Feet x 4

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 again to repack the product in case there is a need to return it to us for repair.

## 3. Switch Front Panel

Figure 3-1 shows the front panel of GSD-803PD.

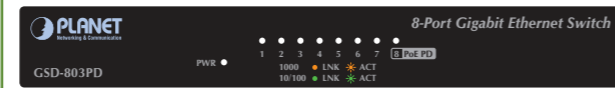


Figure 3-1: GSD-803PD Front Panel

## 5. Switch Rear Panel

Figure 5-1 shows the rear panel of GSD-803PD.



Figure 5-1: GSD-803PD Rear Panel

Power  
Notice

1. The Gigabit Ethernet PoE PD Switch supports two power systems, DC 5V or powered from PoE Port # 8 that supports 802.3af PoE 48V DC in-line power.
2. The default package of Gigabit Ethernet PoE PD Switch does not include DC 5V power adapter. If you need this DC 5V power adapter, please contact your local dealer or distributor for more assistance.

**Step 4:** Connect your Gigabit Ethernet PoE PD Switch to network devices.

- Connect one end of a standard network cable to the 10/100/1000Mbps RJ-45 ports on the Back of the Gigabit Ethernet PoE PD Switch.
- Connect the other end of the cable to the network devices such as printer servers, workstations or routers..

**Step 5:** Supply power to the Gigabit Ethernet PoE PD Switch.

- Connect one end of the RJ-45 UTP cable from 802.3af PoE PSE devices to the port 8 of Gigabit Ethernet PoE PD Switch.

When the Gigabit Ethernet PoE PD Switch receives power, the Power LED should remain solid Green.

## 2. Product Features

- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T Ethernet standard
- 8-Port 10/100/1000Mbps Gigabit Ethernet Ports
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- Hardware based 10/100Mbps, half / full duplex and 1000Mbps full duplex mode, flow control and auto-negotiation
- IEEE 802.3x flow control for full duplex operation and back-pressure for half duplex operation
- Integrated address look-up engine, support 8K absolute MAC addresses
- One power on/off button for energy saving
- Automatic address learning and address aging
- 9K Jumbo packet size
- Supports Auto MDI/MDI-X function
- Support CSMA/CD protocol
- 1-Port support 802.3af PoE DC 48V in-line power at Port 8
- FCC, CE class A compliant

## 4. LED Indicators

### ■ System

LED	Color	Function
PWR	Green	Light to indicate that the Switch has power.

### ■ Per 10/100/1000Base-T RJ-45 Port

LED	Color	Function
1000 LNK/ACT	Orange	<b>Light</b> to indicate that the Switch is successfully connecting to the network at 1000Mbps. <b>Blink</b> to indicate that the Switch is actively sending or receiving data over that port.
10/100 LNK/ACT	Green	<b>Light</b> to indicate that the Switch is successfully connecting to the network at 10/100Mbps. <b>Blink</b> to indicate that the Switch is actively sending or receiving data over that port.

## 6. Installing the Switch

This part describes how to install your Gigabit Ethernet PoE PD Switch and make connections to it. Please read the following topics and follow the procedures as presented.

Note

This Gigabit Ethernet PoE PD Switch does not need software configuration.

### Desktop Installation

To install the Gigabit Ethernet PoE PD Switch on desktop, simply follow the following steps:

- Step 1:** Attach the rubber feet to the recessed areas on the bottom of the Gigabit Ethernet PoE PD Switch.
- Step 2:** Place the Gigabit Ethernet PoE PD Switch on desktop near an 802.3af PoE PSE device.
- Step 3:** Keep enough ventilation space between the Gigabit Ethernet PoE PD Switch and the surrounding objects.

Note

When choosing a location, please keep in mind the environmental restrictions discussed in Chapter 7 -- Product Specifications.

## 7. Product Specifications

Product	GSD-803PD
Hardware Specifications	
10/100/1000Base-T Ports	8 Auto MDI/MDIX ports
Enclosure	Metal
LED Indication	System: Power (Green) Per Port: 1000 LNK/ACT (Orange) 10/100 LNK/ACT (Green)
Dimensions (W x D x H)	155 mm x 86 mm x 26 mm
Weight	378g
Power Requirements	802.3af PoE 48V DC in-line power DC 5V power adapter (Not include in standard package)
Power Consumption / Dissipation	3.3 watts / 11 BTU
Switch Specifications	
Switch Processing Scheme	Store-and-Forward
MAC Address Table	8K entries
Flow Control	Back pressure for Half Duplex IEEE 802.3x Pause Frame for Full Duplex

Switch Fabric	16Gbps / non-blocking
Throughput (packet per second)	11.9Mpps@64Bytes
Network Cables	Cat. 3, 4, 5, 5e, 6 UTP cable (100 meters, max.) EIA/TIA-568 100-ohm STP (100 meters, max.)
<b>Standards Conformance</b>	
Standards Compliance	IEEE 802.3 (Ethernet), 10Base-T IEEE 802.3u (Fast Ethernet), 100Base-TX IEEE 802.3ab (Gigabit Ethernet), 1000Base-T IEEE 802.3x (Full-Duplex Flow Control) IEEE 802.3af (Power over Ethernet)
Temperature	Operating: 0 ~ 50 degrees C Storage: -10 ~ 70 degrees C
Humidity	Operating: 5% to 95%, Storage: 5% to 95% (Non-condensing)
Regulation Compliance	FCC Part 15 Class A, CE


## 8. Customer Support

Thank you for purchasing PLANET products. You can browse our online FAQ resource at the PLANET Website first to check if it could solve your 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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**EC Declaration of Conformity**

For the following equipment:  
 \*Type of Product : 8-Port 10/100/1000Base-T PoE PD Switch  
 \*Model Number : GSD-803PD

\* Produced by:  
 Manufacturer's Name : **PLANET Technology Corp.**  
 Manufacturer's Address : 10F., No.96, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.).

Is here with confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility (2004/108/EC).  
 For the evaluation regarding the EMC, the following standards were applied:

EN 55022	(Class A : 2006+A1:2007+A2:2010+AC:2011)
EN 55024	(2010)
IEC 61000-4-2	(2008)
IEC 61000-4-3	(2006+A1:2007+A2:2010)
IEC 61000-4-4	(2012)
IEC 61000-4-5	(2005)
IEC 61000-4-6	(2008)
IEC 61000-4-8	(2009)
IEC 61000-4-11	(2004)

Responsible for marking this declaration if the:  
 Manufacturer  Authorized representative established within the EU  
 Authorized representative established within the EU (if applicable):  
 Company Name: Planet Technology Corp.  
 Company Address: 10F., No.96, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.)  
 Person responsible for making this declaration  
 Name, Surname: Kent Kang  
 Position / Title: Product Manager

Taiwan                      29 July, 2013                      *Kent Kang*  
 Place                                      Date                                      Legal Signature

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**PLANET TECHNOLOGY CORPORATION**  
 e-mail: [sales@planet.com.tw](mailto:sales@planet.com.tw)    <http://www.planet.com.tw>  
 10F., No.96, Minquan Rd., Xindian Dist., New Taipei City, Taiwan, R.O.C. Tel:886-2-2219-9518 Fax:886-2-2219-9528





**Home / SOHO Switch**  
 GSD-803PD

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

8-Port Gigabit Ethernet  
 PoE PD Switch







**PLANET Technology Corp.**  
 2351-A33280-000