

1. Package Contents

Check the contents of your package for following parts:



Gigabit Ethernet Switch x 1
DC 5V 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.

3. Switch Top Panel

Figure 3-1 & 3-2 shows a Top panel of GSD-504 / GSD-804.

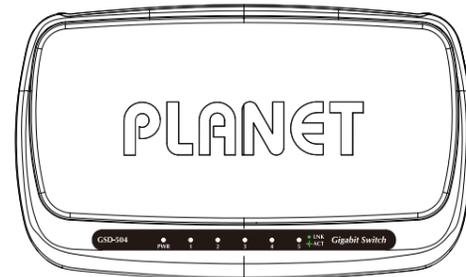


Figure 3-1: GSD-504 Top panel

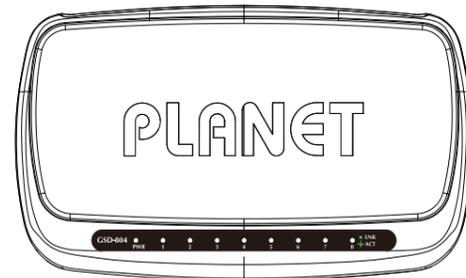


Figure 3-2: GSD-804 Top panel

5. Switch Rear Panel

Figure 5-1 & 5-2 shows a rear panel of GSD-504 / GSD-804.

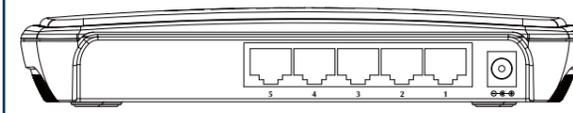


Figure 5-1: GSD-504 rear panel

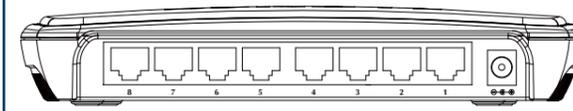


Figure 5-2: GSD-804 rear panel

6. Installing the Switch

This part describes how to install your Gigabit Ethernet Switch and make connections to it. Please read the following topics and perform the procedures in the order being presented.



This Switch does not need software configuration.

■ Desktop Installation

To install the Switch on desktop, simply follow the next steps:

- Step 1:** Place the Switch on desktop near an AC power source.
- Step 2:** Keep enough ventilation space between the Switch and the surrounding objects.



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

2. Product Features

- Comply with IEEE 802.3, 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T
- Power Saving ability for Green networking
- 5/8-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
- Automatic Address Learning and Address Aging
- 9K Jumbo packet size
- Supports Auto MDI/MDI-X function
- Support CSMA/CD protocol
- FCC, CE class B compliant

4. LED Indicators

Figure 4-1 & 4-2 shows a LED panel of GSD-504 / GSD-804.



Figure 4-1: GSD-504 LED panel



Figure 4-2: GSD-804 LED panel

| LED | Color | Function | |
|----------|-------|----------|--|
| PWR | Green | Light | Indicate that the Switch is Powered ON. |
| | | OFF | Indicate that the Switch is Powered OFF. |
| Link/ACT | Green | Light | Indicates the link through that port is successfully established at 10/100/1000Mbps. |
| | | Blink | Indicates the Switch is actively sending or receiving data over that port. |



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.

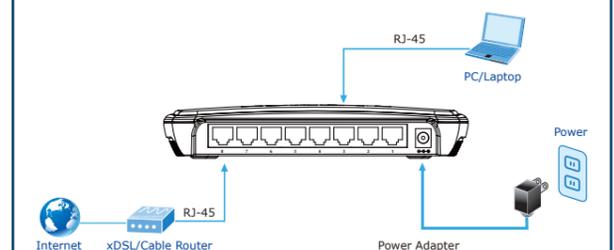
Step 3: Connect your Switch to network devices.

- A. Connect one end of a standard network cable to the 10/100/1000 RJ-45 ports on the rear panel of the Switch.
- B. Connect the other end of the cable to the network devices such as printer servers, workstations or routers...etc.

Step 4: Supply power to the Switch.

- A. Connect one end of the power cable to the Switch.
- B. Connect the 5V DC power adapter to a standard wall outlet.

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



7. Product Specifications

| Product | GSD-504 | GSD-804 |
|--|--|-----------------------|
| Hardware Specification | | |
| 10/100/1000Base-T Ports | 5 Auto MDI/MDIX ports | 8 Auto MDI/MDIX ports |
| Enclosure | Plastic | |
| Dimensions (mm) | 168 x 100 x 29 | |
| Weight (g) | 150 | 180 |
| Power Requirement (External power adapter) | DC 5V, 1A | |
| Power Consumption (100M Full operating) | 3.1 Watts / 10 BTU | 4.3 Watts / 14 BTU |
| Switch Specification | | |
| Switch Processing Scheme | Store-and-Forward | |
| Address Table | 8K entries | |
| Flow Control | Back pressure Half Duplex, IEEE 802.3x Pause Frame Full Duplex | |
| Switch fabric | 10Gbps | 16Gbps |
| Throughput (packet per second) | 7.44Mpps | 11.9Mpps |
| Jumbo packet size | 9K | |

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8. Customer Support

Thank you for purchase PLANET products. You can browse our online FAQ resource at the PLANET Website 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

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Energy Saving Note of the Device

This power required device does not support Stand by mode operation.
 For energy saving, please remove the DC-plug to disconnect the device from the power circuit.
 Without remove the DC-plug or switch off the device, the device will still consuming power from the power circuit.
 In the view of Saving the Energy and reduce the unnecessary power consuming, it is strongly suggested to switch off or remove the DC-plug for the device if this device is not intended to be active.

Desktop 5/8-Port Gigabit Ethernet Switch

GSD-504/804 Speed up Your Network



User's Manual



Standards Conformance

| | |
|-----------------------|---|
| Standards Compliance | IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3ab (Gigabit Ethernet) IEEE 802.3x (Full-duplex Flow Control) |
| Temperature | Operating: 0~50 Degree C Storage: -20~70 Degree C |
| Humidity Operating | Operating: 5% to 90%, Storage: 5% to 90% (Non-condensing) |
| Regulation Compliance | FCC Part 15 Class B, CE |

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EC Declaration of Conformity

For the following equipment:

*Type of Product: 5 / 8 -Port 10/100/1000Mbps Gigabit Ethernet Switch , Plastic
 *Model Number: GSD-504, GSD-804

* 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 herewith 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 Directive on (2004/108/EC).

For the evaluation regarding the EMC, the following standards were applied:

| | |
|----------------|-----------------------------|
| EN 55022 | (CLASS B: 2006 + A1:2007) |
| EN 61000-3-2 | (2006 + A2: 2009) |
| EN 61000-3-3 | (2008) |
| EN 55024 | (1998 + A1: 2001 + A2:2003) |
| IEC 61000-4-2 | (2008) |
| IEC 61000-4-3 | (2006 + A1: 2007 + A2:2010) |
| IEC 61000-4-4 | (2004 + A1: 2010) |
| 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
Place

12, March, 2012
Date

Legal Signature

PLANET TECHNOLOGY CORPORATION

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