1. Package Contents

Thank you for purchasing PLANET 24-port 10/100Mbps + 2-port Unmanaged Gigabit Ethernet Switch, FGSW-2620. The term **"Fast Ethernet Switch"** mentioned in this user's manual refers to the FGSW-2620.

The box should contain the following items:

◆ 24-port 10/100Mbps+ 2-port Gigabit Ethernet Switch x 1

◆ User's Manual x 1

◆ Power Cord x 1

◆ Rubber Feet x 4

◆ Two rack-mounting brackets with attachment screws x 6

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.

2. Product Features

Physical Port

- 24 10/100Mbps Fast Ethernet ports
- 2 10/100/1000Mbps Gigabit Ethernet ports
- Supports auto MDI/MDI-X function

Layer 2 Features

- Complies with IEEE 802.3, 10Base-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab Gigabit Ethernet standard
- Supports powerful Green Ethernet for power saving
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- 9K Jumbo Frame size
- Complies with IEEE 802.3x flow control for full duplex operation and back pressure for half duplex operation
- Integrated address look-up engine, supporting 8K absolute MAC addresses
- Automatic address learning and address aging
- Supports CSMA/CD protocol

Hardware Features

- 100~240V AC, 50/60Hz, 0.2A universal power input
- FCC, CE Class A compliant

3. Product Specifications

Model	FGSW-2620
Hardware Specifications	
Hardware Version	V5
10/100BASE-Tx MDI/MDIX Ports	24
10/100/1000BASE-T MDI/MDIX Ports	2
Throughput (packet per second)	6.54Mpps
Switch Fabric	8.8Gbps
Weight	1.7kg
Power Consumption / Dissipation	6.8 watts / 23BTU
Power Requirements	100~240V AC, 50/60Hz, 0.2A
Dimensions (W x D x H)	440 x 180 x 44mm, 1U height
Switch Processing Scheme	Store-and-Forward
Address Table	8K entries
SRAM Packet Buffer	4.1Mbit
Jumbo Packet Size	9K
Power Green Ethernet	From 10m to 100m saving up to 12%

Flow Control	Back pressure for half duplex, IEEE 802.3x Pause frame for full duplex
Temperature	Operating: 0~50 degrees C Storage: -10~70 degrees C
Operating Humidity	5% to 90%, Storage: 5% to 90% (non-condensing)
Standards Conformance	
Regulation Compliance	FCC Part 15 Class A, CE
Standards Compliance	IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3ab(Gigabit Ethernet) IEEE 802.3x (Full-duplex Flow Control) IEEE 802.1p (Quality of Service)

4. Switch Front Panel

Figure **1** shows the front panel of Fast Ethernet Switch.



Figure 1: FGSW-2620 Front Panel

LED Indicators

System

LED	Color	Function
PWR	Green	It indicates the Switch is turned on when lit.

Per 10/100Mbps port

LED	Color	Function
LNK/ACT	Green	It indicates the link through that port is established successfully at 10/100Mbps when lit. It indicates the Switch is actively sending or receiving data over that port when it is blinking.

Per 10/100/1000Mbps port

LED	Color	Function
LNK/ACT	Green	It indicates the port is running at 10/100/1000Mbps when lit.
1000Mbps	Green	It indicates the port is running at 1000Mbps when lit. It indicates the port is operating at 10/100Mbps when turned off.

5. Switch Rear Panel

Figure **2** shows the rear panel of Fast Ethernet Switch.

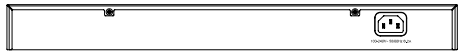

Figure 2: FGSW-2620 Rear Panel

Power Notice

1. The device is a power-required device, meaning it will not work till it is powered. If your networks should be 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 Fast Ethernet Switch from being damaged by unregulated surge or current to the Switch or the power adapter.

6. Installing the Switch

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

Note

This Fast Ethernet Switch does not need software configuration.

Desktop Installation

To install the Fast Ethernet Switch on the desk, simply follow the steps below:

Step 1: Attach the rubber feet to the recessed areas on the bottom of the Fast Ethernet Switch.

Step 2: Place the Fast Ethernet Switch on the desk near an AC power source

Step 3: Keep enough ventilation space between the Fast Ethernet Switch and the surrounding objects.

Step 4: Connect your Fast Ethernet Switch to network devices.

A. Connect one end of a standard network cable to the 10/100 RJ45 or 10/100/1000 RJ45 ports on the front of the Fast Ethernet Switch.

B. Connect the other end of the cable to the network devices such as printer servers, workstations or routers, etc.

Step 5: Supply power to the Fast Ethernet Switch.

A. Connect one end of the power cable to the Fast Ethernet Switch.

B. Connect the power plug of the power cable to a standard wall outlet.

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

Step 3: Secure the brackets tightly.

Step 4: Follow the same steps to attach the second bracket to the opposite side.

Step 5: After the brackets are attached to the Fast Ethernet Switch, use suitable screws to securely attach the brackets to the rack, as shown in Figure **4**.

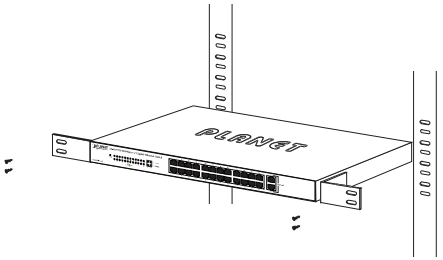

Figure 4: Mount the Fast Ethernet Switch in a Rack

Step 6: Proceed with Steps 4 and 5 of **Desktop Installation** to connect the network cabling and supply power to your Fast Ethernet Switch.

Rack Mounting

To install the Fast Ethernet Switch in a 19-inch standard rack, follow the instructions described below.

Step 1: Place your Fast Ethernet Switch on a hard flat surface, with the front panel positioned towards your front side.

Step 2: Attach a rack-mount bracket to each side of the Switch with supplied screws attached to the package. Figure **3** shows how to attach brackets to one side of the Fast Ethernet Switch.

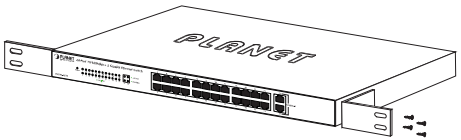

Figure3: Attach the brackets to the Fast Ethernet Switch

> **Caution** You must use the screws supplied with the mounting brackets. Damage caused to the parts by using incorrect screws would invalidate your warranty.

Customer Support

Thank you for purchasing PLANET products. You can browse our online FAQ resource on the PLANET Web site 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

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Unmanaged Switch

FGSW-2620

www.PLANET.com.tw

24-Port 10/100Mbps + 2-Port Gigabit Ethernet Switch



PLANET Technology Corp.
2351-A50060-004

Energy Saving Note of the Device

This power required device does not support Standby mode operation. For energy saving, please remove the power cable to disconnect the device from the power circuit.

Without removing power cable, the device will still consume power from the power source. In view of Saving the Energy and reducing the unnecessary power consumption, it is strongly suggested to remove the power connection from the device if this device is not intended to be active.

10M 100M | 10M/100M 1000M | Auto Negotiation | Auto MDI/MDI-X | CoS | Green Networking

EC Declaration of Conformity

For the following equipment:

*Type of Product: 24-Port 10/100Base-TX + 2-Port 10/100/1000Base-T Gigabit Switch
*Model Number: FGSW-2620

* 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	(2010+AC: 2011, Class A)
EN 61000-3-2	(2006+A1:2009+A2:2009)
EN 61000-3-3	(2008)
EN 55024	(2010)
IEC 61000-4-2	(2008)
IEC 61000-4-3	(2010)
IEC 61000-4-4	(2012)
IEC 61000-4-5	(2005)
IEC 61000-4-6	(2013)
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) 30th April, 2014 (Date) (Legal Signature)

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