8-Port 10/100/1000Mbps + 2 100/1000X SFP

Managed Ethernet Switch

WGSD-10020

8-Port 10/100/1000Mbps 802.3at PoE + 2 100/1000X SFP

Managed Ethernet Switch

WGSD-10020HP

Quick Installation Guide

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1. Package Content

Thank you for purchasing PLANET Layer 2 Managed Switch, WGSD-10020 / WGSD-10020HP. Terms of **"Managed Switch"** means the Switches mentioned titled in the cover page of this Quick Installation Guide.

Open the box of the **Managed Switch** and carefully unpack it. The box should contain the following items:

● The WGSD Managed Switch x 1

● This Quick Installation Guide x 1

● User's Manual CD x 1

● RS232 DB9 Female Console Cable x 1

● Rubber Feet x 4

● Two Rack-mounting brackets with attachment screws x 1

● Power Cord x 1

● SFP Dust Caps x 2

If any item is found missing or damaged, please contact your local reseller for replacement.

2. Requirements

The Managed Switch provide remote login interface for manage; the following equipments are necessary for further management.

- **Workstation** installed with Ethernet NIC (Network Card)

- Workstations of subscribers running Windows XP/2003, Vista, Windows 7, MAC OS X, Linux, Fedora, Ubuntu or other platform compatible with TCP/IP protocols.

- **Ethernet Port connect**

  ♦ Network cables - Use standard network (UTP) cables with RJ-45 connectors

  ♦ Above Workstation installed with WEB Browser and JAVA runtime environment Plug-in

- **Serial Port connect** (Terminal)

  ♦ Above PC with COM Port (DB-9) or USB-to-RS-232 converter

Note	It is recommended to use Internet Explore 7.0 or above to access the Managed Switch.

3. Terminal Setup

To configure the system, connect a serial cable to a **COM port** on a PC or notebook computer and to serial (console) port of the WGSD Managed Switch. The console port of the Managed Switch is DCE already, so that you can connect the console port directly through PC without the need of Null Modem.
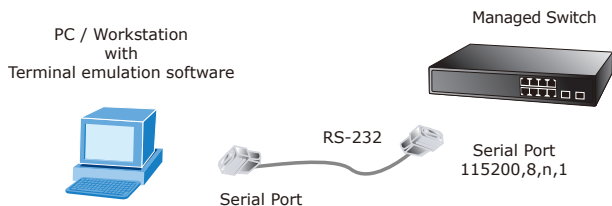

Figure 3-1 WGSD Managed Switch Console Connection

A terminal program is required to make the software connection to the WGSD Managed Switch. Windows' **Hyper Terminal** program may be a good choice. The Hyper Terminal can be accessed from the Start menu.

1. Click **START**, then **Programs**, **Accessories** and then **Hyper Termina**l.

2. When the following screen appears, make sure that the COM port should be configured as:

- Baud : 115200
- Parity : None
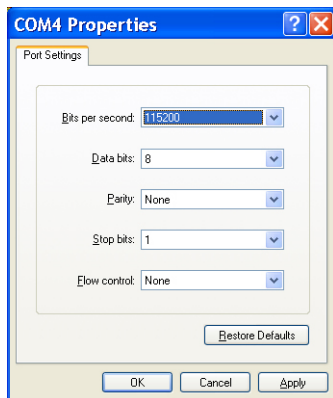- Data bits : 8
- Stop bits : 1
- Flow Control : None

Figure 3-2 Hyper Terminal COM Port Configuration

4. Logon to the Console

Once the terminal has connected to the device, power on the WGSD Managed Switch, the terminal will display that it is running testing procedures.

Then, the following message asks the login user name and password. The factory default user name and password as following and the login screen in Figure 4-1 appears.

User name: **admin**
Password: **admin**

Figure 4-1 WGSD Managed Switch Console Login Screen

Note	1. For security reason, please change and memorize the new password after this first setup. 2. Only accept command in lowercase letter under console interface.

5. Configure IP Address

The WGSD Managed Switch is shipped with default IP address as following.

> IP Address: **192.168.0.100**
> Subnet Mask: **255.255.255.0**

To check the current IP address or modify a new IP address for the Managed Switch, please use the procedures as follow:

■ Show the current IP address

1. On **"Switch/>"** prompt, enter **"ip configuration"**.

2. The screen displays the current IP address, Subnet Mask and Gateway. As show in Figure 5-1.

Figure 5-1 Show IP Information Screen

■ Configure IP address

3. On **"Switch/>"** prompt, enter the following command and press **<Enter>**. As show in Figure 5-2.
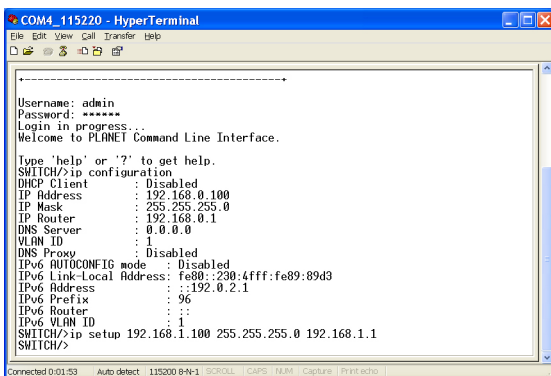
Switch/> ip setup 192.168.1.100 255.255.255.0 192.168.1.1

The previous command would apply the follow settings for the Managed Switch.

IP: 192.168.1.100

Subnet Mask: 255.255.255.0

Gateway: 192.168.1.1

Figure 5-2 Set IP Address Screen

4. Repeat Step 1 to check if the IP address is changed.

If the IP is successfully configured, the Managed Switch will apply the new IP address setting immediately. You can access the Web interface of WGSD Managed Switch through the new IP address.

Note	If you do not familiar with console command or the related parameter, enter "?" anytime in console to get the help description.

6. Start Web Management

The Managed Switch provides a built-in browser interface. You can manage it remotely by having a remote host with Web browser, such as Microsoft Internet Explorer, Mozilla Firefox, Google Chrome or Apple Safari.
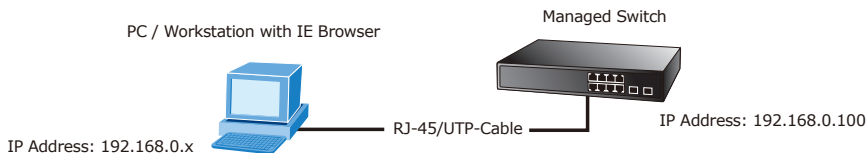

PC / Workstation with IE Browser

Managed Switch

IP Address: 192.168.0.x

RJ-45/UTP-Cable

IP Address: 192.168.0.100

Figure 6-1 IP Management Diagram

The following shows how to start up the **Web Management** of the Managed Switch, please note the Managed Switch is configured through an Ethernet connection, please make sure the manager PC must be set on the same **IP subnet address**.

For example, the default IP address of the Managed Switch is *192.168.0.100*, then the manager PC should be set at **192.168.0.x** (where x is a number between 1 and 254, except 100), and the default subnet mask is 255.255.255.0.

■ Login the Managed Switch

1. Use Internet Explorer 7.0 or above Web browser, enter IP address *http://192.168.0.100* (the factory-default IP address or that you have just changed in console) to access the Web interface.

2. When the following dialog box appears, please enter the default user name **"admin"** and password **"admin"** (or the password you have changed via console). The login screen in Figure 6-2 appears.

Default User name: **admin**
Default Password: **admin**

Figure 6-2 Login Screen

3. After entering the password, the main screen appears as Figure 6-3.

Figure 6-3 Web Main Screen of WGSD Managed Switch

4. The Switch Menu on the left of the Web page let you access all the commands and statistics that Managed Switch provides.
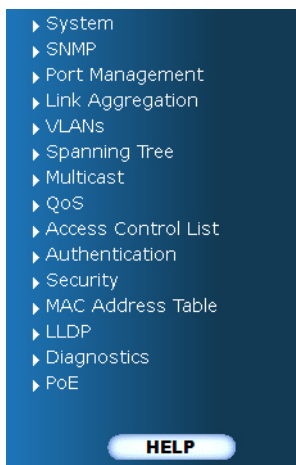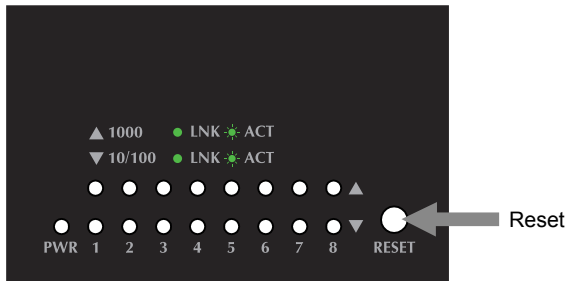

Figure 6-4 Switch Menu

Note	If you do not familiar with Layer 2 / Layer 4 switch functions or the related parameter, press **"Help icon"** anytime in left of the Web page to get the help description.

Now, you can use the Web management interface to continue the Switch management or manage the Managed Switch by console interface. Please refer to the user manual for more.

7. While IP Address be changed or forgotten admin password –

To reset the IP address to the default IP Address **"192.168.0.100"** or reset the user name and password to default value(default user name and password are both **admin**). Press the hardware **reset button** at the front panel about **10 seconds.** After the device is rebooted, you can login the management WEB interface within the same subnet of 192.168.0.xx and default user name / password. Be noted, all the previous setup with disappeared after factory reset.

8. 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