

**L3 Multiple Gigabit + 2-/4-Port 10G SFP+
Managed Switch**

**GS-6320 LCD Switch Series
Quick Installation Guide**

Table of Contents

1. Package Contents.....	3
2. Requirements.....	4
3. Terminal Setup.....	5
3.1 Logging on to Console.....	6
3.2 Configuring IP Address.....	7
4. Starting Web Management	9
4.1 Logging in to the Managed PoE Switch	10
4.2 Saving Configuration via Web	12
5. Recovering Back to Default Configuration	14
6. LCD Touch Screen	15
7. Customer Support	17

1. Package Contents

Thank you for purchasing PLANET L3 Multiple Gigabit + 2-/4-Port 10G SFP+ Managed Switch with LCD. The description of this model is shown below:

Model Name	PoE Ports	10G RJ45	10G SFP+	PoE Budget	Power Input
GS-6320-24UP2T2XV	24-Port 802.3bt	2	2	720W	AC/DC

“Managed PoE Switch” is used as an alternative name in this Quick Installation Guide.

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

- The Managed PoE Switch
- Quick Installation Guide
- RJ45 to RS232 Cable
- Rubber Feet
- Two Rack-mounting Brackets with Attachment Screws
- Power Cord
- SFP Dust-proof Cap x 2

If any of these pieces 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. Requirements

- Workstations running Windows 10/11, MAC OS 10.15 or later, Linux, UNIX, or other platforms are compatible with TCP/IP protocols.
- Workstations are installed with Ethernet NIC (Network Interface Card)
- **Serial Port Connection** (Terminal)
 - The above Workstations come with COM Port (DB9) or USB-to-RS232 converter.
 - The above Workstations have been installed with **terminal emulator**, such as Hyper Terminal included in Windows XP/2003, putty or Tera Term.
 - Serial cable -- one end is attached to the RS232 serial port, while the other end to the console port of the Managed PoE Switch.
- **Ethernet Port Connection**
 - Network cables -- Use standard network (UTP) cables with RJ45 connectors.
 - The above PC is installed with Web browser.



Note

It is recommended to use Chrome 98.0.xx or above to access the Managed PoE Switch. If the Web interface of the Managed PoE Switch is not accessible, please turn off the anti-virus software or firewall and then try it again.

3. Terminal Setup

To configure the system, connect a serial cable to a **COM port** on a PC or notebook computer and to RJ45 type of serial port of the Managed PoE Switch.

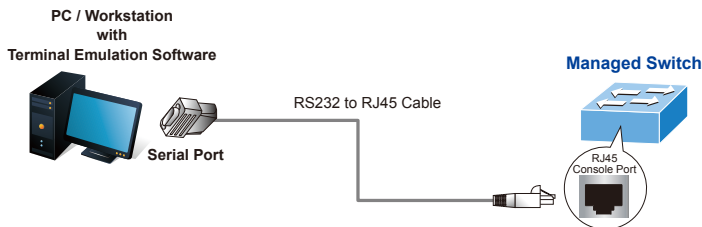


Figure 3-1: Managed PoE Switch Console Connectivity

A terminal program is required to make the software connection to the Managed PoE Switch.

1. Run terminal program on the OS.
2. When the following screen appears, make sure that the COM port should be configured as:
 - Baud: 115200
 - Data bits: 8
 - Parity: None
 - Stop bits: 1
 - Flow control: None

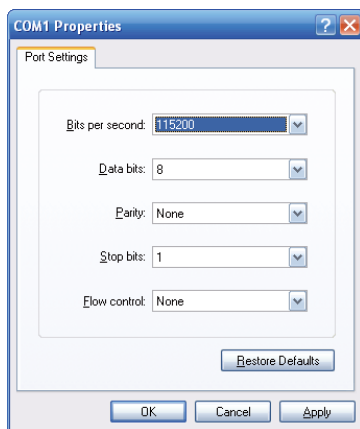


Figure 3-2: COM Port Configuration

3.1 Logging on to Console

Once the terminal is connected to the device, power on the Managed PoE Switch, and the terminal will display “running testing procedures”. Then, the following message asks to log in user name and password. The factory default user name and password are shown as follows and the login screen in Figure 3-3 appears.

```
Username: admin  
Password: admin
```

```
Press ENTER to get started  
Username: admin  
Password:  
Switch# █
```

Figure 3-3: Managed PoE Switch Console Login Screen

The user can now enter commands to manage the Managed PoE Switch. For a detailed description of the commands, please refer to the following chapters.



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.

3.2 Configuring IP Address via Console

The Managed PoE Switch is shipped with default IP address shown below.

```
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 Switch, please use the procedures as follows:

■ Show the current IP Address

1. At the “#” prompt, enter “**show ip interface brief**”.
2. The screen displays the current IP address as shown in Figure 3-4.

```
Switch#  
Switch# show ip interface brief  
Interface                Address                Method    Status  
-----                -  
VLAN 1                   192.168.0.100/24     Manual    UP  
Switch#  
Switch#
```

Figure 3-4: IP Information Screen

■ Configuring IP Address

3. At the “#” prompt, enter the following command and press <Enter> as shown in Figure 3-5.

```
Switch# configure terminal  
Switch(config)# interface vlan 1  
Switch(config-if-vlan)# ip address 192.168.1.100 255.255.255.0
```

The previous command would apply the following settings for the Managed PoE Switch.

```
IP Address: 192.168.1.100  
Subnet Mask: 255.255.255.0
```

```
Switch#  
Switch# configure terminal  
Switch(config)# interface vlan 1  
Switch(config-if-vlan)# ip address 192.168.1.100 255.255.255.0  
Switch(config-if-vlan)#
```

Figure 3-5: Configuring IP Address Screen

4. Repeat step 1 to check if the IP address has changed.

■ **Store current switch configuration**

5. At the “#” prompt, enter the following command and press **<Enter>**.

```
# copy running-config startup-config
```

```
Switich#  
Switich# copy running-config startup-config  
Building configuration...  
do not reset or power off the device!  
% Saving 4534 bytes to flash:startup-config  
Switich#
```

Figure 3-6: Saving Current Configuration Command Screen

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



Note

If you are not familiar with the console command or the related parameter, enter “**help**” anytime in console to get the help description.

4. Starting Web Management

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

For example, the default IP address of the Managed PoE Switch is **192.168.0.100**, then the manager PC should be set to **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.

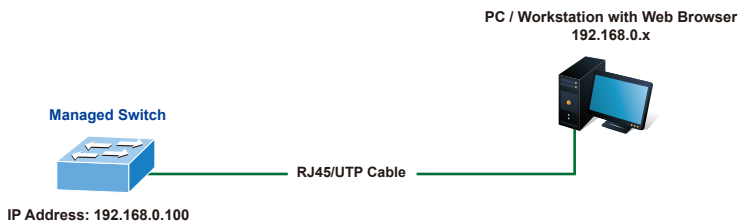


Figure 4-1: IP Management Diagram

4.1 Logging in to the Managed PoE Switch

1. Use Chrome 98.0.xx or above Web browser and enter IP address **https://192.168.0.100** (the factory default IP address or the one 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 and password **"admin"** (or the password you have changed via console). The login screen in Figure 4-2 appears.

Default IP Address: 192.168.0.100

Default Username: **admin**

Default Password: **admin**

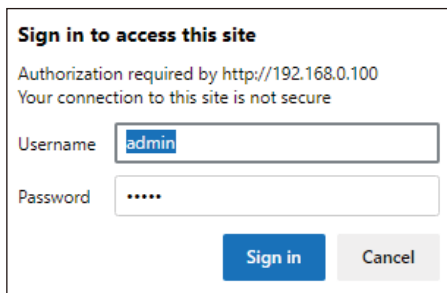


Figure 4-2: Login Screen

3. After entering the password, the main screen appears as Figure 4-3 shows.

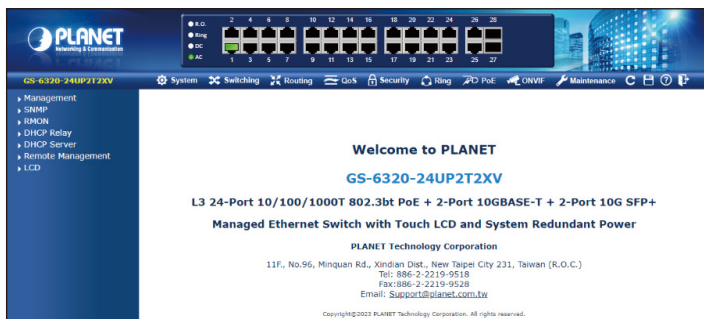


Figure 4-3: Web Main Screen of Managed PoE Switch

4. The Switch Menu on the top left of the Web page lets you access all the commands and statistics the Managed PoE Switch provides.

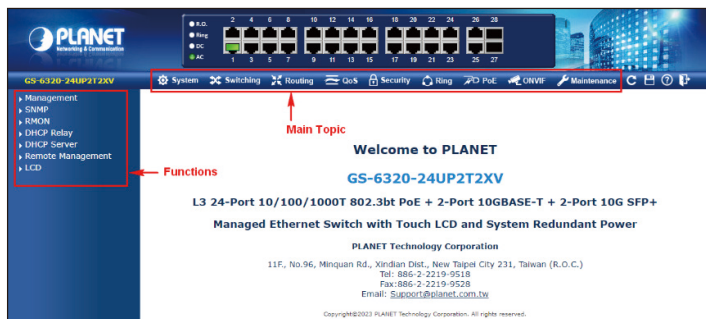


Figure 4-4: Switch Menu

Now, you can use the Web management interface to continue the Switch management. Please refer to the user manual for more.



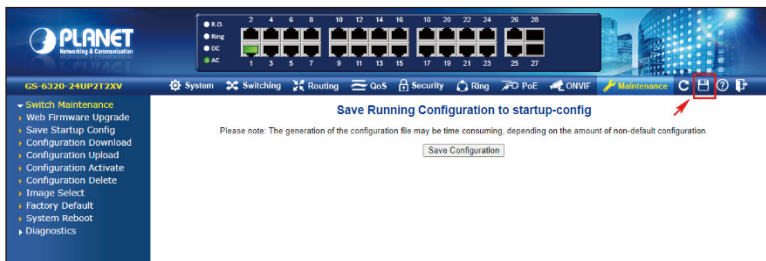
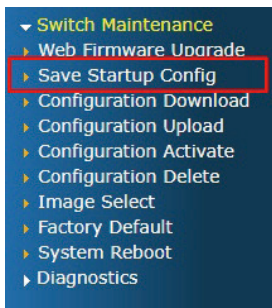
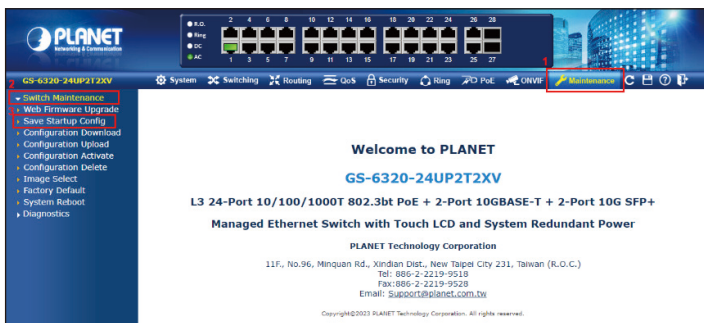
Note

If you are not familiar with Switch functions or the related parameter, press **“Help icon”** anytime on the Web page to get the help description.

4.2 Saving Configuration via Web

To save all applied changes and set the current configuration as a startup configuration, the startup-configuration file will be loaded automatically across a system reboot.

1. Click **Maintenance > Open Switch Maintenance on the left page > Press Save Startup Config.**



2. Or you can press the **"Save Configuration"** button.



3. Press the **"Save Configuration"** button to save.

Save Running Configuration to startup-config

Please note: The generation of the configuration file may be time consuming, depending on the amount of non-default configuration.

5. Recovering Back to Default Configuration

■ **IP address has been changed or admin password has been forgotten –**

To reset the IP address to the default IP address “**192.168.0.100**” or reset the login password to default value, press the hardware-based **reset button** on the rear panel for about **10 seconds**. After the device is rebooted, you can log in the management Web interface within the same subnet of 192.168.0.xx.

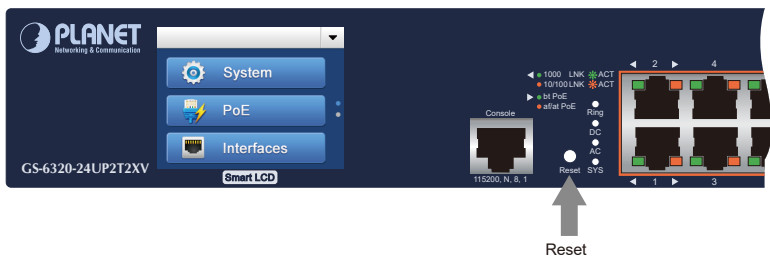


Figure 5-1: LCD Series Reset Button

6. LCD Touch Screen

The Managed PoE Switch has a 2.4-inch color LCD touch screen with management functions. Tap the LCD touch screen to wake the LCD touch screen.

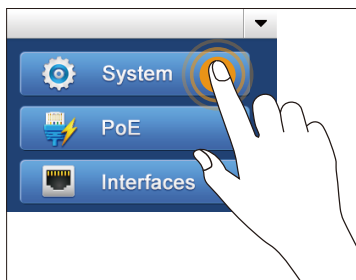


Figure 6-1: Waking the LCD Touch Screen

The factory default LCD configurations are shown as follows.

Default LCD: Enable
Default Touch Screen: Enable
Default Backlight Timeout: Enable
Default Backlight Timeout Time: 300
Default Read Only Mode: Disable
Default Screen: Main Menu
Default Time Interval: 10
Default Color Scheme: Dark
Default Pin Number: 1234

You can use the Web management interface and click LCD, and then LCD Management to change the LCD configuration.



LCD Management

LCD	Enable ▾
Touch Screen	Enable ▾
Backlight Timeout	Enable ▾
Backlight Timeout Time	300 Sec
Read Only Mode	Disable ▾
Default Screen	Main Menu ▾
Time Interval	10 Sec
Color Scheme	<input checked="" type="radio"/> Dark <input type="radio"/> Light
Pin Number	1234

Apply Reset

Please refer to the user's manual for more.

7. Customer Support

Thank you for purchasing PLANET products. You can browse our online FAQ resource and User's Manual on 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 FAQs:

<https://www.planet.com.tw/en/support/faq>

Switch support team mail address:

support@planet.com.tw

GS-6320 LCD Series User's Manual:

<https://www.planet.com.tw/en/support/downloads?&method=keyword&keyword=GS-6320&view=3#list>



(Please select your switch model name from the drop-down menu of Product Model.)

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