L3 LCD Managed Switch

GS-5220-24T4XV(R)

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 6

3.3 Storing current switch configuration 8

4. Starting Web Management 9

4.1 Logging in to the Managed Switch 9

4.2. Saving Configuration 13

5. Recovering Back to Default Configuration 14

6. Customer Support 15

1 Package Contents

Thank you for purchasing PLANET GS-5220 Managed LCD Switch Series. The description of this series is shown below:

Model Name	Gigabit RJ45 Ports	10G SFP+ Slots	Redundant Power
GS-5220-24T4XV	24	4	-
GS-5220-24T4XVR	24	4	Yes

"Managed LCD Switch" is used as an alternative name in this Quick Installation Guide.

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

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

Model	SFP Dust-proof Caps
GS-5220-24T4XV	4
GS-5220-24T4XVR	4

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

2. Requirements

- Workstations running Windows XP/Vista/7/8/10//2003/2008, MAC OS X 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 Tera Term, PuTTY or Hyper Terminal included in Windows XP/2003.
  - Serial cable -- one end is attached to the RS232 serial port, while the other end to the console port of the Managed 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 Internet Explorer 8.0 or above to access the Managed Switch. If the Web interface of the Managed 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 then to an RJ45 serial port of the Managed Switch.

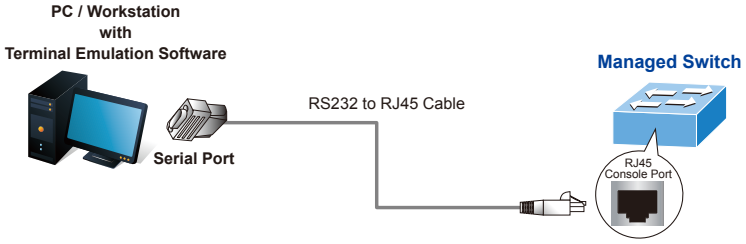


Figure 3-1: Managed Switch Console Connectivity

A terminal program is required to make the software connection to the Managed 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

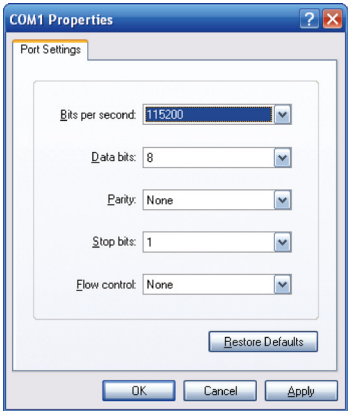


Figure 3-2: COM Port Configuration

3.1 Logging on to Console

Once the terminal is connected to the device, power on the Managed 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**

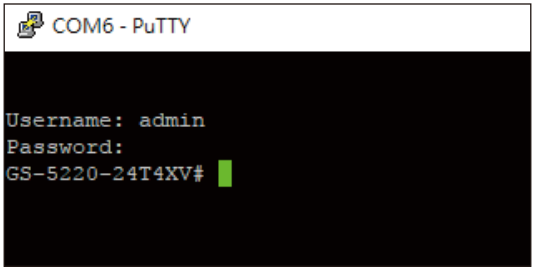


Figure 3-3: Managed Switch Console Login Screen

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

Note

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

3.2 Configuring IP Address

The Managed 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.

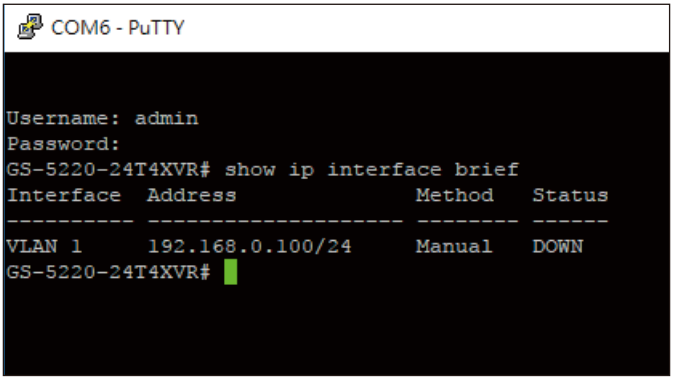


Figure 3-4: IP Information Screen

■ **Configuring IP Address**

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

```
GS-5220-24T4XVR # configure terminal
GS-5220-24T4XVR (config)# interface vlan 1
GS-5220-24T4XVR (config-if-vlan)# ip address 192.168.1.100 255.255.255.0
```

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

IP Address: 192.168.1.100
Subnet Mask: 255.255.255.0

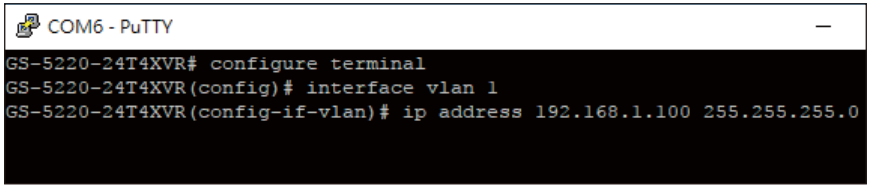


Figure 3-5: Configuring IP Address Screen

4. Repeat step 1 to check if the IP address has 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 the Managed Switch through the new IP address.

3.3 Storing Current Switch Configuration

In the Managed Switch, the running configuration sequence running-config can be saved from the RAM to FLASH by **"copy"** command, so that the running configuration sequence becomes the start-up configuration file, which is called configuration save.

At the **"#"** prompt, enter the following command and press **<Enter>**.

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

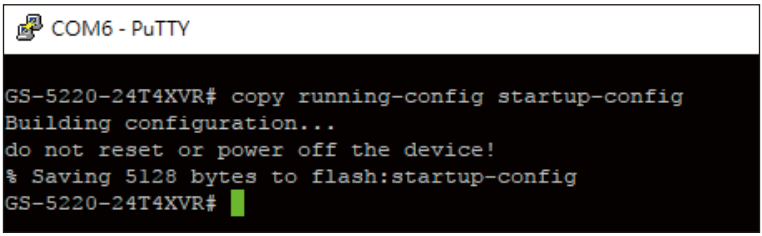


Figure 3-6: Saving Current Configuration Command Screen

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 Switch. Note the Managed 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 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.

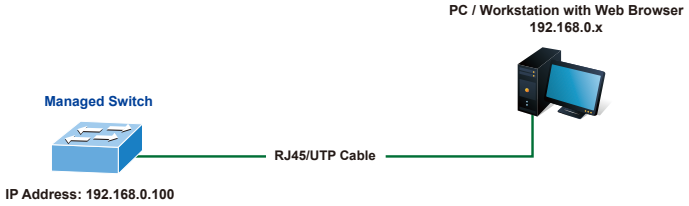


Figure 4-1: IP Management Diagram

4.1 Logging in to the Managed Switch

1. Use Internet Explorer 8.0 or above Web browser and enter IP address ***http://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**

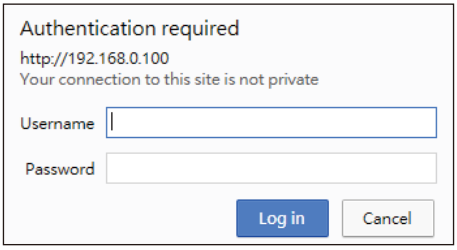


Figure 4-2: Login Screen

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

Figure 4-3: Web Main Screen of Managed Switch

The Switch Menu on the top of the Web page lets you access all the commands and statistics the Managed Switch provides. The Switch Menu includes System, Switching, QoS, Security, Ring and Maintenance.

Figure 4-4: Switch Menu

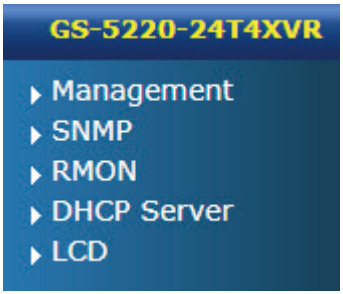


Figure 4-5: Switch Menu -- System

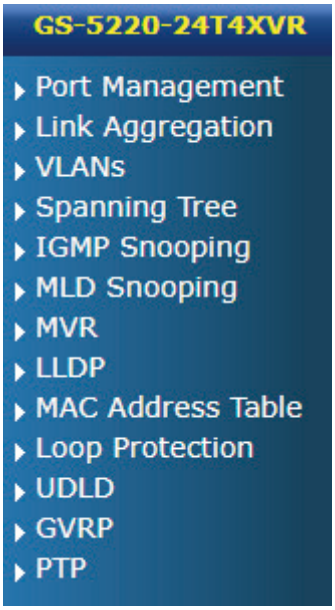


Figure 4-6: Switch Menu – Switching

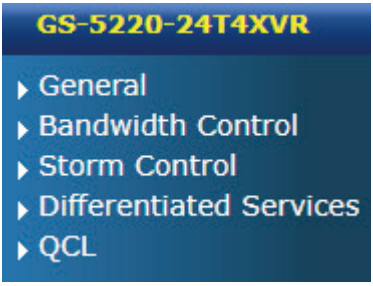


Figure 4-7: Switch Menu – QoS

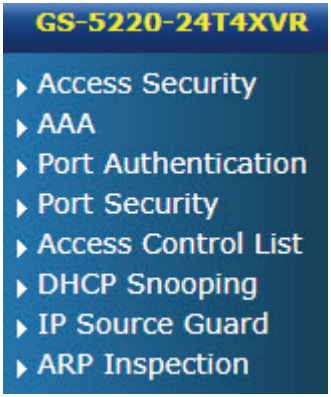


Figure 4-8: Switch Menu – Security

Figure 4-9: Switch Menu – Ring

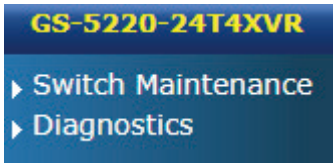


Figure 4-10: Switch Menu -- Maintenance

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.

Now, you can use the Web management interface to continue the Switch management or manage the Switch by console interface.

Please refer to the user's manual for more.

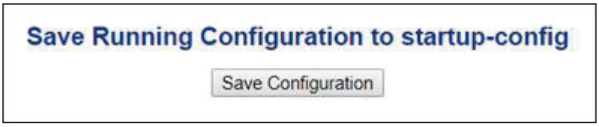
4.2. Saving Configuration

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

1. Click the **Save** icon on the top Switch Menu bar.

Figure 4-11: Save Config -- Hot key

2. Press the **"Save Configuration"** button.



3. Or the other way to save the setting is to click **Maintenance, Save Startup Config.**

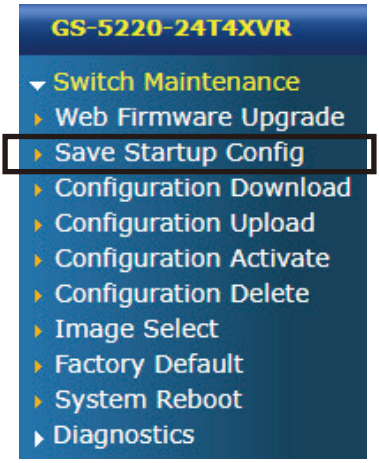


Figure 4-12: Save Config -- Maintenance

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 front panel for about **5 seconds**. After the device is rebooted, you can log in to the management Web interface within the same subnet of 192.168.0.xx.

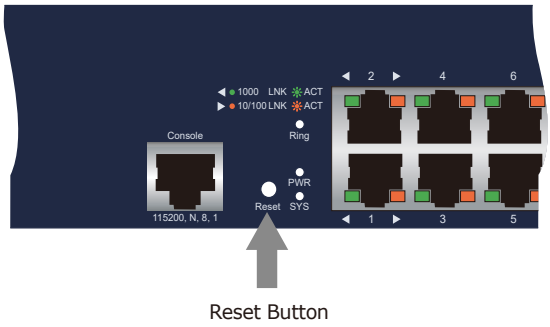


Figure 5-1: GS-5220 Series Reset Button

6. 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 support team.

PLANET online FAQs:
http://www.planet.com.tw/en/support/faq.php?type=1

Support team mail address:
support@planet.com.tw

GS-5220 Series User's Manual:
http://www.planet.com.tw/en/support/download.php?view=3&key=GS-5220#list

Go to the link above or scan the QR code with a mobile device to select your preferred switch model.

Copyright © PLANET Technology Corp. 2020.
Contents are subject to revision without prior notice.
PLANET is a registered trademark of PLANET Technology Corp.
All other trademarks belong to their respective owners..