Start Here
Before you begin installation of your switch, check the package contents listed in the Hardware Installation Guide that supports your switch on your Resource CD. If any item is missing or damaged, contact your place of purchase.

Other documentation available on your Resource CD for your switch are the Software Administration Guide, and a Command Line Interface Reference Manual.

Follow these quick steps to install your switch. You can also consult the full Hardware Installation Guide for your switch on the Resource CD.

Set Up the Switch
Prepare the site so that the mounting, access, power source, and environmental requirements are met. If you have any questions about these requirements, see the Hardware Installation Manual.

Install the switch using one of the following methods:

1. On a flat surface: Put one of the rubber footpads that came with the switch on each of the four concave spaces on the bottom of the switch.
2. In a rack: Use the rack-mount kit supplied with your switch, following the installation instructions included with the kit.
3. On a wall: Use the wall-mount kit supplied with your switch, following the installation instructions included with the kit (only for GSM5212P).

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2. Apply AC power. When you apply power, the Power LED blinks yellow as it conducts a power-on self-test (POST). After the switch passes the POST, the Power LED lights up green (see "Troubleshooting" in the Hardware Installation Guide).

Note: If AC power is not available, the GSM5212P can get power from power sourcing equipment (PSE). Just connect port 1 of the switch to a PSE switch. GSM7224P and GSM7212P are PSE switches. For more information, see the Hardware Installation Manual.

3. Connect devices to the switch.
   • Use Category 5e (Cat5e) for copper ports at 1000 Mbps.
   • Use NETGEAR AGM731F or AGM732F for fiber ports at 1000 Mbps.
   • Use NETGEAR AFM735 for fiber ports at 100 Mbps.

Note: In the room housing the switch, ensure that the ambient temperature does not exceed the specified operating temperature and that the environment is free of water condensation.

Perform the Initial Configuration
You can manage this switch through its web interface, or by using the command line interface (CLI) through a console port. This guide describes the web method. The CLI method is also described to determine a DHCP-assigned IP address or to use ezconfig to assign a static IP address. For web management, follow one of the following procedures, depending upon how your PC is set up.

PC in DHCP client mode without DHCP server

PC in DHCP client mode with DHCP server

To assign a static IP address, connect a VT100/ANSI terminal or a workstation to one of the switch’s console ports. A cable for the mini USB port is supplied.

PC with Static IP Address
When the PC is in this mode, the switch also needs to be assigned a static IP address. To assign a static IP address, connect a VT100/ANSI terminal or a workstation to one of the switch’s console ports. A cable for the mini USB port is supplied.

1. Start a terminal emulation program (TEP) using the appropriate method for your operating system:
   • Start a TEP. Windows users can use HyperTerminal.
   • Windows Vista users should download a TEP from the Internet.
   • Macintosh users can use ZTerm.
   • UNIX users can use a terminal emulator such as TIP.

2. Select a console port using the console switch on the front panel:
   • Select the mini USB port on the front panel (cable included) as the console port by pushing the slide switch to the right. Use the installation CD to install the USB driver on your PC.
   • You may need to install USB serial port driver available in the CD included with the package before you can use the USB port on the PC to connect to the switch.
   • Select the DB9 (cable not included) on the rear panel as the console port by pushing the slide switch to the right.

3. Configure the TEP to use the following settings (written below the connector on the switch front panel):
   - Baud rate: 115200 bps
   - Data bits: 8
   - Parity: none
   - Stop bit: 1
   - Flow control: none

4. At the command prompt User:, log in to the switch using the user name admin, and then press Enter. At the password prompt, press Enter again (no password is needed for initial configuration).

5. At the next command prompt, type ezconfig and press Enter.

6. The ezconfig utility is now running in the switch. Use it to set up your static IP address and subnet mask as shown in the example. Make sure that the selected switch IP address is in the same subnet as that of the PCs.
2. Find the switch IP address assigned by the DHCP server.
   a. Perform steps 1 through 3 of the procedure PC with Static IP Address.
   b. Type the `show network` command, and press Enter. A screen displays that shows the active switch IP address.
   c. Use this IP address to log in to the switch through its web management interface (see Web Login to the Switch).

Web Login to the Switch

Use the appropriate IP address for your configuration to manage your switch through its web interface.

1. Type `http://<ipaddress>` into the URL field of your browser. A screen similar to the following displays.

2. Type `admin` for the user name, and leave the password field blank.

3. Click Login. The System Information screen display. You can now navigate from this point to configure your switch.

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Technical Support

Thank you for selecting NETGEAR products.

After installing your device, locate the serial number on the label of your product and use it to register your product at http://www.NETGEAR.com/register. Registration is required before you can use the telephone support service. Registration through the website is strongly recommended.

Go to http://kbserver.netgear.com for product updates and Web support. For warranty and regional customer support information, see the Resource CD that came with your product.

For complete DoC please visit the NETGEAR EU Declarations of conformity website at: http://kb.netgear.com/app/answers/detail/a_id/11621/.

For GNU General Public License (GPL) related information, please visit http://support.netgear.com/app/answers/detail/a_id/2649.

WARNING!!

Do not stack equipment, or place equipment in tight spaces, or in drawers. Be sure your equipment is surrounded by at least 2 inches of air space.

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