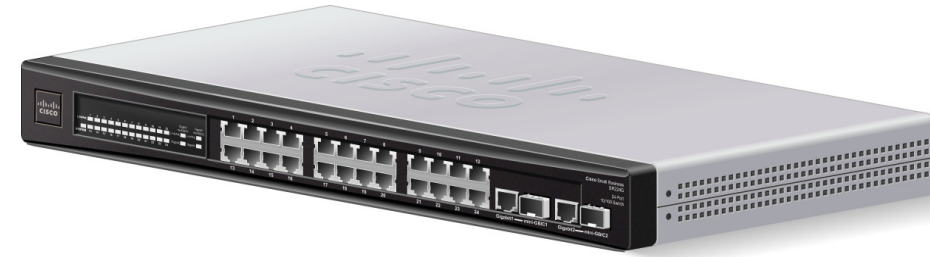




Quick Start Guide



Cisco Small Business Model SR224G 24-Port 10/100 + 2-Port Gigabit Switch + 2 MiniGBIC

Package Contents

- SR224G Switch
- Power Cord
- Rack-Mount Kit
- Quick Start Guide

1 Product Overview

This rack-mount switch delivers nonblocking, wire-speed switching for your 10/100 Mbps network clients, plus multiple options for connecting to your network backbone. Twenty-four 10/100 ports wire-up your workstations, while the integrated 10/100/1000 ports or miniGBIC ports connect to your servers or backbone at gigabit speeds.

Front Panel

The ports and LEDs are located on the front panel of the switch.



Ports and LEDs

System LED—This LED lights up green when the switch is powered on.

LAN Ports 1-24—Use these ports to connect network devices such as computers, printers, and access points to the switch. The corresponding port LED lights up green when a connection is made through a port. The LED flashes green when the connection is active.

Gigabit 1-2 Ports—The gigabit RJ-45 ports support 10/100/1000 Mbps connections and are connection points for network devices such as gigabit servers. Each gigabit RJ-45 port is paired with a miniGBIC port. If a miniGBIC module is present, the corresponding 10/100/1000 RJ-45 port will be disabled. The gigabit port LEDs light up amber when a connection is made through the port. They flash amber when the connection is active.

MiniGBIC 1-2 Ports—The two miniGBIC (gigabit interface converter) ports are connection points for miniGBIC modules, so the switch can uplink via fiber to another switch or two. The miniGBIC ports are compatible only with the Cisco miniGBIC models MGBSX1, MGBLH1, MGBT1, MGBLX1, and MGBBX1. The miniGBIC port LEDs light up green when a connection is made through the port. They flash green when the connection is active.

Back Panel

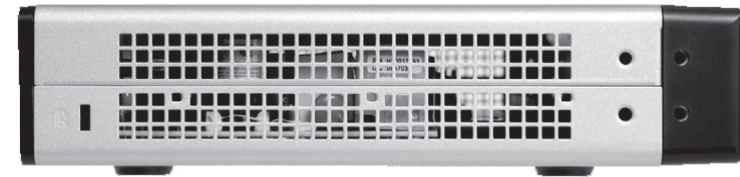
The power port is located on the back panel of the switch.



The power port is where you connect the included power cord.

Side Panel

The security slot is located on the side panel of the switch. You can attach a lock to the security slot to protect the switch from theft.



2 Before You Begin

When you choose a location for the switch, observe the following guidelines:

- Make sure that the switch is accessible and that the cables can be connected easily.
- Keep cabling away from sources of electrical noise, power lines, and fluorescent lighting fixtures.
- Position the switch away from water and moisture sources.
- To ensure adequate air flow around the switch, be sure to provide a minimum clearance of two inches (50 mm).
- Do not stack free-standing switches more than four units high.

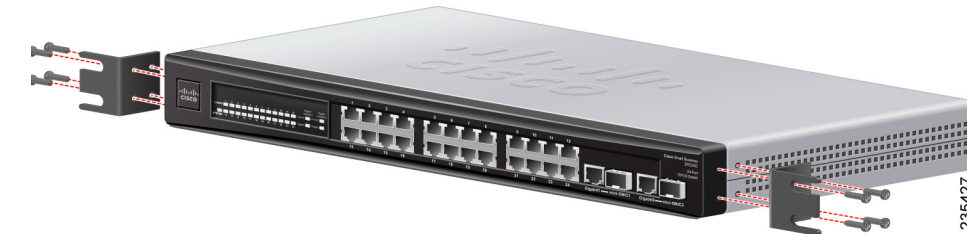
3 Installing the Switch

Placement Options

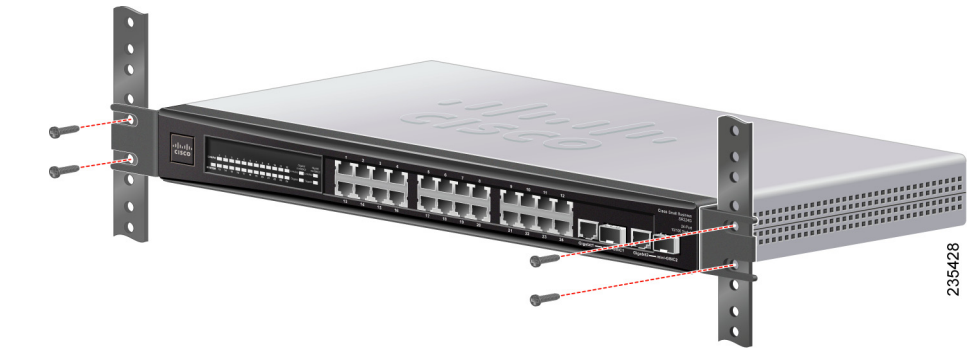
Set the switch on its four rubber feet or mount the switch in a standard rack (1U high).

To mount the switch in a standard rack, follow these steps:

- STEP 1** Place the switch on a hard, flat surface with the front panel facing towards you.
- STEP 2** Attach a rack-mount bracket to one side of the switch with the supplied screws and secure the bracket tightly. Repeat this step to attach the other bracket to the opposite side of the switch.

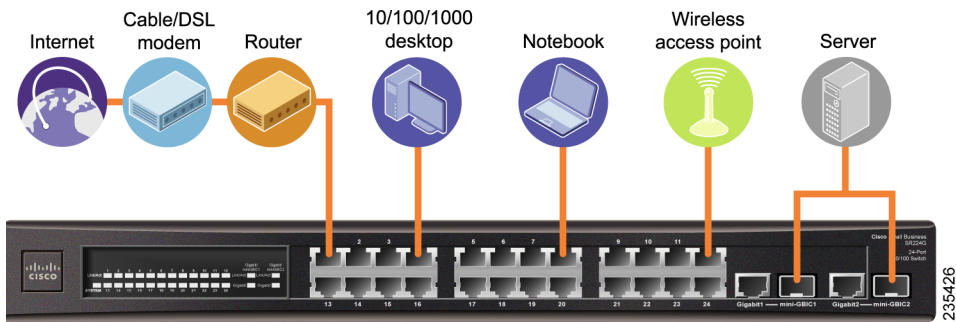


- STEP 3** After the brackets are attached to the switch, lift the switch into the rack and secure the brackets with additional screws (not included).



4 Connecting Network Devices

The following application diagram is an example of a typical network configuration.

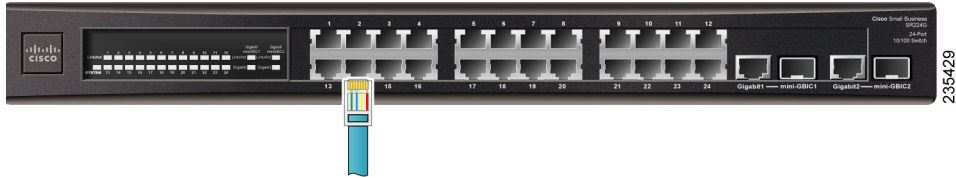


When you connect your network devices, make sure you do not exceed the maximum cabling distance of 328 feet (100 meters).

Follow these steps to connect network devices to the switch.

STEP 1 Turn off all of the devices you want to connect to the switch.

STEP 2 Connect one end of a Category 5 Ethernet network cable to one of the numbered ports on the switch. Connect the other end of the cable to a computer or other network device.



STEP 3 Repeat Step 2 to connect additional devices.

STEP 4 If you are using a miniGBIC port, connect a miniGBIC module to the miniGBIC port. The miniGBIC ports are shared.

- Do not use port 12 if you are using the miniGBIC1 port.
- Do not use port 24 if you are using the miniGBIC2 port.

For detailed instructions, refer to documentation for the miniGBIC module.



NOTE

The miniGBIC ports are only compatible with the Cisco miniGBIC models MGBSX1, MGBLH1, MGBT1, MGBLX1, and MGBBX1.

STEP 5 Connect the supplied power cord to the power port on the switch and plug the other end of the adaptor into an electrical outlet.



NOTE

When connecting power, always use a surge protector.

STEP 6 Power on the devices connected to the switch. Each active port with a corresponding LED will light up on the switch.

Congratulations! The installation of the SR224G switch is complete.

5 Product Specifications

Feature	Description
Model	SR224G
Ports	24 10/100 ports, 2 10/100/1000 ports, two shared miniGBIC ports
Standards	IEEE 802.3, 802.3u, 802.3x, 802.3ab
Cabling Type	Category 5 and multi-mode fiber
LEDs	System, 1-24, Gigabit/miniGBIC 1-2
Security Feature	Security slot
Dimensions	W x H x D 16.93 in. x 1.75 in. x 7.95 in. (430 mm x 44.45 mm x 202.5 mm)
Unit Weight	4.41 lb (2.0 kg)
Power	100-127VAC/200-240VAC, 1.0A/0.5A, 50-60 Hz
Certification	FCC Class A, CE
Operating Temperature	32 to 104°F (0 to 40°C)
Storage Temperature	40 to 158°F (-40 to 70°C)
Operating Humidity	20% to 95%, noncondensing
Storage Humidity	5% to 95%, noncondensing

6 Where to Go From Here

Resource	Location
Technical Documentation	http://www.cisco.com/en/US/products/ps10007/tsd_products_support_series_home.html
Customer Support	www.cisco.com/en/US/support/tsd_cisco_small_business_support_center_contacts.html
Open Source License Notices	www.cisco.com/go/osln
Regulatory Compliance and Safety Information	www.cisco.com/en/US/products/ps10007/tsd_products_support_series_home.html
Warranty Information	www.cisco.com/go/warranty
Cisco Partner Central site for Small Business	www.cisco.com/web/partners/sell/smb

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