



Quick Start Guide



Cisco Small Business Model SR2024 24-Port 10/100/1000 Gigabit Switch

Package Contents

- SR2024 Switch
- Power Cord
- Rack-Mount Kit
- Quick Start Guide

1 Product Overview

The Cisco SR2024 24-port 10/100/1000 Gigabit Switch provides non-blocking, wire-speed switching for your 10 Mbps, 100 Mbps, and 1000 Mbps network clients.

Front Panel

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



Ports and LEDs

1-24 Auto-Sensing RJ-45 Ports—Support network speeds of 10 Mbps, 100 Mbps, or 1000 Mbps and can operate in half- and full-duplex modes. Use these ports to connect network devices such as computers, printers, and access points to the switch.

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 only compatible 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.

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

Link/Act LED—Lights up green when a connection is made through that port. The LED flashes when the connection is active.

Gigabit LED—Lights up amber when there is a gigabit connection made through that port. The LED flashes 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 power cord.

2 Before You Begin

Before you install the SR2024 switch, follow the guidelines in this section.

There are two ways to physically install the switch:

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

When you choose a location for the switch, consider 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

Desktop Placement

Follow these steps to install your switch on the desktop.

STEP 1 Attach the rubber feet to the recessed areas on the bottom of the switch.



STEP 2 Place the switch on a desktop near an AC power source.

NOTE Remember to keep enough ventilation space for the switch and check the environmental restrictions.

Rack-Mount Placement

Follow these steps to rack-mount the switch in any standard 19-inch rack.

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.

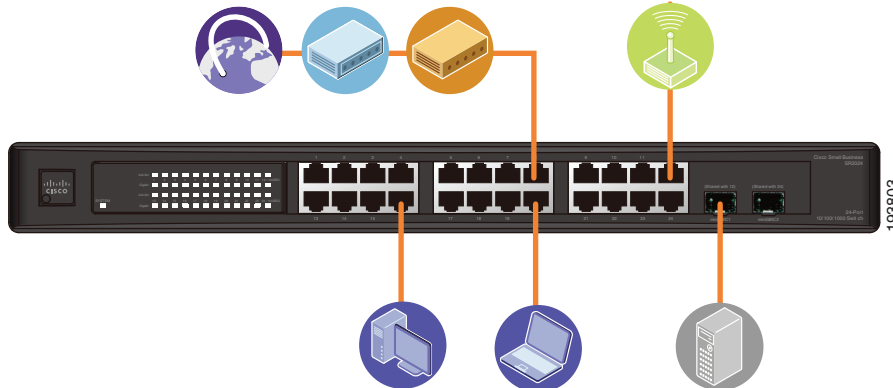


STEP 3 After the brackets are attached to the switch, use suitable screws to securely attach the brackets to any standard 19-inch rack.



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 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 into an electrical outlet.

NOTE When connecting power, always use a surge protector.

STEP 6 Power on the devices connected to the switch. The corresponding LED for each active port will light up on the switch.

Congratulations! The installation of the SR2024 switch is complete.

5 Product Specifications

Feature	Description
Model	SR2024
Ports	24 RJ-45 10/100/1000 ports, two miniGBIC ports
Standards	IEEE 802.3, 802.3u, 802.3x, 802.3ab
Cabling Type	Category 5 or better
LEDs	System, Link/Act 1-24, Gigabit 1-24
Security Feature	Security slot
Dimensions	W x H x D 17.01 in. x 1.75 in. x 13.74 in. (432 mm x 44.5 mm x 349 mm)
Unit Weight	798 lb (3.621 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	-4 to 158°F (-20 to 70°C)
Operating Humidity	10% to 90%, noncondensing
Storage Humidity	10% 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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