



Quick Start Guide

1 Product Overview

Thank you for choosing the 16-Port or 24-Port 10/100/1000 Gigabit Switch. The 16-Port and 24-Port 10/100/1000 Gigabit Switches provide non-blocking, wire-speed switching for your 10, 100, and 1000 megabit network clients.

Front Panel

The 16-and 24-Port 10/100/1000 Gigabit Switches differ in number of LEDs and ports. The LEDs and ports are located on the front panel of the Switch.



Front Panel of the SR2016



Front Panel of the SR2024C

System—(Green) The System LED lights when the Switch is powered on.

Link/Act—(Green) Each LED lights when there is a connection made through the corresponding port. The LED also flashes when there is activity on the corresponding port.

Gigabit—(Amber) Each LED lights when there is a Gigabit connection made through the corresponding port. The LED flashes when there is activity on the corresponding port.

1-16 (SR2016) or 1-24 (SR2024C)—The Ethernet ports connect to network devices, such as PCs or additional switches. All ports are auto-negotiating and have automatic MIDI/MIDI-X crossover detection.

Mini-GBIC 1-2 (SR2024C)—The SR2024C Switch is equipped with two mini-GBIC ports. These ports provide links to high-speed network segments or individual workstations at speeds of up to 1000Mbps (Gigabit Ethernet). These ports are shared. If you use the mini-GBIC1 port, you cannot use port 12. If you use the mini-GBIC2 port, you cannot use port 24.

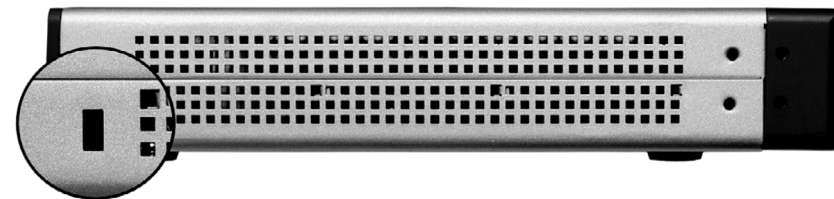
Back Panel

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

Located on the side panel, the security slot is where you can attach a lock to guard against theft.



Placement Options

There are three ways to physically install the Switch:

- Set the Switch on its four rubber feet
- Mount the Switch in a standard-sized rack (1U high)
- Wall-mount the Switch using the wall-mount slots

Rack Mount Instruction Tips

- **Ambient Temperature**—To prevent the switch from overheating, do not operate the switch in an area that exceeds the recommended ambient temperature.
- **Reduced Air Flow**—If you install the switch in a rack, be sure that there is adequate air flow as required.
- **Mechanical Loading**—Be sure that the switch is level and stable when you mount the switch in a rack to avoid any hazardous condition.
- **Circuit Overloading**—Do not overload the power outlet or circuit when installing multiple devices in a rack.
- **Reliable Grounding**—Be sure that the switch is grounded and use suitable electrical supply connections.

To rack mount the Switch, follow these instructions:

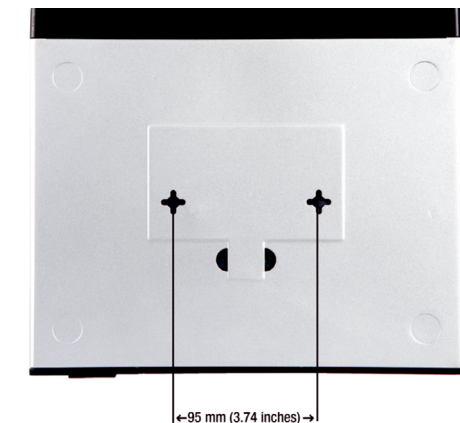
STEP 1 The Switch has four mounting holes on each side. Screw an included mounting bracket into each side.

STEP 2 Place the Switch in the rack, and secure the brackets with additional screws.

To wall-mount the Switch, follow these instructions:

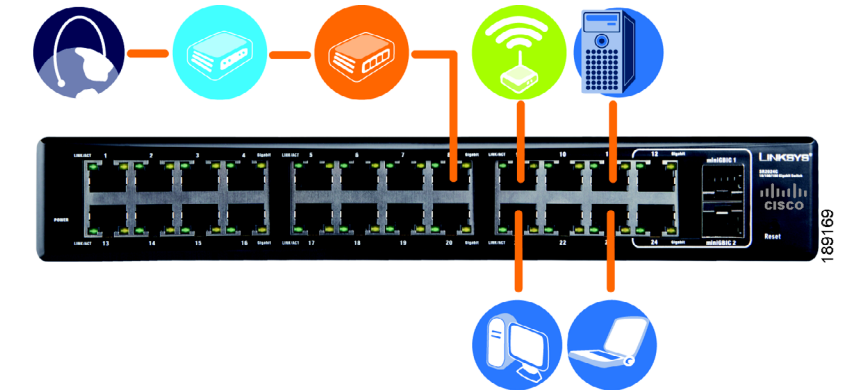
STEP 1 The wall-mount slots are two crisscross slots on the Switch's bottom panel. The distance between the two slots is 95 mm (3.74 inches). Attach two screws to the wall, so that the Switch's wall-mount slots line up with the two screws.

STEP 2 Maneuver the Switch so the screws are inserted into the two slots.



2 Typical Installation Scenario

The application diagram shown is an example of a typical network configuration. This diagram shows the front panel of the SR2024C and is used only as a reference.



When you connect your network devices, make sure you don't exceed the maximum cabling distances, listed in the following table.

From	To	Maximum Distance
Switch	Switch	100 meters (328 feet)
Switch	Computer	100 meters (328 feet)



NOTE Use Category 5e Ethernet network cables for your Gigabit connections.

Cisco Small Business Models SR2016 and SR2024C 16 and 24-Port 10/100/1000 Gigabit Switches

Package Contents

- SR2016 or SR2024C Gigabit Switch
- Power Cord
- Quick Start Guide

3 Installation

Perform the steps in this section to install the hardware.

STEP 1 Make sure all the devices you will connect to the Switch are powered off.

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

STEP 3 Repeat step 2 to connect additional devices.

STEP 4 If you are using a mini-GBIC port, connect a mini-GBIC module to the port. For detailed instructions, refer to the module's documentation.



NOTE The mini-GBIC ports are shared. Do not use port 12 if you are using the mini-GBIC1 port. Do not use port 24 if you are using the mini-GBIC2 port.

STEP 5 Connect the supplied power cord to the Switch's power port, and plug the other end into an electrical outlet. When connecting power, always use a surge protector.

STEP 6 Power on the devices connected to the Switch. Each active port's corresponding LED will light up on the Switch.

Congratulations! The installation of the 10/100/1000 Gigabit Switch is complete!

4 Specifications

The following table lists the specifications for the SR2016 10/100/1000 Gigabit Switch.

Model	SR2016
Standards	IEEE 802.3, 802.3u, 802.3x, 802.3ab
Ports	16 10/100/1000 Mbps RJ-45 ports
Cabling Type	Cat5 Ethernet
LEDs	System, 1 through 16
Dimensions	WxHxD 10.98" x 1.75" x 9.45" 279 mm x 44.5 mm x 240 mm
Unit Weight	4.75 lbs (2.155 kg)
Power	110-120VAC, 100W
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

The following table lists the specifications for the SR2024C 10/100/1000 Gigabit Switch.

Model	SR2024C
Standards	IEEE 802.3, 802.3u, 802.3x, 802.3ab
Ports	24 10/100/1000 Mbps RJ-45 ports + 2 mini-GBIC ports
Cabling Type	Cat5 Ethernet
LEDs	System, 1 through 24
Dimensions	WxHxD 17.00" x 1.75" x 13.74" 432 mm x 44.5 mm x 349 mm
Unit Weight	7.98 lbs (3.621 kg)
Power	100-127/200-240V~1.0A/0.5A 50~60HZ
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

5 Where to Go From Here

Resource	Location
Customer Support	www.cisco.com/go/smallbiz
End User License Agreement	www.cisco.com/go/smallbiz
Regulatory Compliance and Safety Information	www.cisco.com/go/smallbiz
Warranty Information	www.cisco.com/go/smallbiz
Cisco Partner Central site for Small Business	www.cisco.com/web/partners/sell/smb/

Americas Headquarters

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA

<http://www.cisco.com>
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883



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