



## Cisco SR224G 24-Port 10/100 2-Port Gigabit Switch + 2 Mini-GBIC

### Cisco Small Business Unmanaged Switches

Speed and Flexibility to Connect Small Businesses

#### Highlights

- Connect up to 24 devices: PCs, printers, and wireless access points with auto-sensing ports
- Multiple high-speed options to connect to the network backbone
- Works right out of the box with no software to configure
- Suitable for rack-mount installation

**Figure 1.** Cisco SR224G 24-Port 10/100 2-Port Gigabit Switch + 2 Mini-GBIC



#### Product Overview

The Cisco® SR224G 24-Port 10/100 2-Port Gigabit Switch + 2 Mini-GBIC (Figure 1) 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 mini Gigabit Interface Converter (mini-GBIC) ports connect to your servers or backbone at Gigabit speeds.

The Cisco SR224G incorporates nonblocking, wire-speed architecture that forwards packets as fast as your network can deliver them. It features broadcast storm suppression that maximizes the system availability. Also included are Address Learning and Aging to prevent data transfer errors and Data Flow Control to help prevent packet loss.

All ports have automatic medium dependent interface (MDI) and MDI crossover (MDI-X) detection, so you don't have to worry about the cable type. Each port independently and automatically negotiates for best speed and whether to run in half- or full-duplex mode. Head-of-line blocking prevention keeps your high-speed clients from bogging down in lower-speed traffic, and fast store-and-forward switching prevents damaged packets from being passed on to the network.

No matter how intensive your network demands, the Cisco SR224G 24-Port 10/100 2-Port Gigabit Switch + 2 Mini-GBIC has speed, flexibility, and reliability that you can count on.

## Features

- Ideal for integrating your 10-Mbps and 100-Mbps network hardware
- Twenty-four 10/100 ports provide dedicated bandwidth in half- or full-duplex modes
- 2 Gigabit Ethernet ports and 2 shared mini-GBIC slots for Gigabit fiber expansion
- Each port supports auto MDI/MDI-X cable detection
- Compatible with all major network operating systems
- Advanced store-and-forward packet switching optimizes data transfers
- Auto partitioning protects PCs from downed network lines
- Signal regeneration ensures data transfer integrity

## Specifications

Table 1 contains the specifications and package contents for the Cisco SR224G 24-Port 10/100 2-Port Gigabit Switch + 2 Mini-GBIC.

**Table 1.** Specifications for the Cisco SR224G 24-Port 10/100 2-Port Gigabit Switch + 2 Mini-GBIC

Specifications	
<b>Standards</b>	IEEE 802.3, 802.3u, 802.3x, 802.3ab
<b>Ports</b>	Twenty-four 10/100 ports, two 10/100/1000 ports, and 2 mini-GBIC ports
<b>Cabling type</b>	Category 5 and multimode fiber 1310 nm and 850 nm supported
<b>LEDs</b>	System, 1-24, Gigabit/miniGBIC1-2
Environmental	
<b>Dimensions W x H x D</b>	17.01 x 1.75 x 8.20 in. (432 x 44.5 x 208 mm)
<b>Unit weight</b>	6.17 lb (2.8 kg)
<b>Power</b>	110–120V AC, 30W
<b>Certification</b>	FCC Class B, CE
<b>Operating temperature</b>	32° to 104°F (0° to 40°C)
<b>Storage temperature</b>	-40° to 158°F (-40° to 70°C)
<b>Operating humidity</b>	20% to 95% relative humidity, noncondensing
<b>Storage humidity</b>	5% to 95% noncondensing
Package Contents	
	<ul style="list-style-type: none"> <li>• Cisco SR224G 24-Port 10/100 2-Port Gigabit Switch + 2 Mini-GBIC</li> <li>• Printed user guide</li> <li>• AC power cord</li> </ul>
Product Warranty	
	Limited lifetime hardware warranty with return to factory replacement and 1-year limited warranty for fans and power supplies.

## Cisco Limited Lifetime Hardware Warranty

Cisco Small Business products offer a limited lifetime hardware warranty with return to factory replacement and a 1-year limited warranty for fans and power supplies. In addition, Cisco offers software application updates for bug fixes and telephone technical support at no charge for the first 12 months following the date of purchase. To download software updates, go to:

<http://www.cisco.com/go/smallbiz>.

Product warranty terms and other information applicable to Cisco products are available at

<http://www.cisco.com/go/warranty>.

## For More Information

For more information on Cisco Small Business products and solutions, visit:

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