



## Cisco SD2005 5-Port Gigabit Switch Cisco Small Business Unmanaged Switches

Easy-to-Use High-Speed Switching for Small Businesses

### Highlights

- Connect up to five network devices - computers, printers, and servers - to share and transfer large files and videos across your network
- High-speed connectivity to support bandwidth-intensive applications
- Works right out of the box with no software to configure

**Figure 1.** Cisco SD2005 5-Port Gigabit Switch



### Product Overview

The Cisco® SD2005 5-Port Gigabit Switch (Figure 1), part of the Cisco Small Business Series, provides nonblocking, wire-speed switching for your 10-, 100-, and 1000-megabit network clients. Use this switch to replace your current workgroup hub or Fast Ethernet switch, to upgrade your high-requirement workstations to full Gigabit speeds as necessary, while continuing to service other clients at their current speeds. Or build your network from the ground up, with appropriate link speeds for each user's requirements. Either way, it's perfect for graphics, multimedia, and other applications that have to move large files across the network quickly.

With the Cisco SD2005, you can upgrade your existing 10/100 Ethernet network to Gigabit speed without any additional equipment. 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 also independently and automatically negotiates for best speed and whether to run in half- or full-duplex mode. Address Learning and Aging is supported, as well as 802.3x flow control with head-of-line blocking prevention to optimize your network performance. Fast store-and-forward switching prevents damaged packets from being passed on to the network.

World-famous Cisco reliability gives you peace of mind, and the ultra-compact case design is sure to fit into your workgroup environment. Let the Cisco SD2005 5-Port Gigabit Switch kick your network into high gear.

## Features

- 5 RJ-45 10/100/1000-Mbps auto-sensing half/full duplex switched ports
- All ports support auto MDI/MDI-X cable detection
- Fully compliant with IEEE 802.3, 802.3u, 802.3x, and 802.3ab
- Non head-of-line blocking architecture
- Full-duplex IEEE 802.3x flow control and half-duplex back pressure with intelligent port-based congestion detection and broadcast rate control

## Specifications

Table 1 contains the specifications and package contents for the Cisco SD2005 5-Port 10/100/1000 Gigabit Switch.

**Table 1.** Specifications for the Cisco SD2005 5-Port 10/100/1000 Gigabit Switch

Specifications	
<b>Standards</b>	IEEE 802.3, 802.3u, 802.3x, 802.3ab
<b>Ports</b>	5 RJ-45 10/100/1000 Mbps ports
<b>Cabling type</b>	Category 5 Ethernet
<b>LEDs</b>	System, 1 through 5
<b>Security feature</b>	Security slot
Environmental	
<b>Dimensions W x H x D</b>	5.51 x 1.31 x 5.51 in. (140 x 33 x 140 mm)
<b>Unit weight</b>	0.94 lb (0.425 kg)
<b>Power</b>	DC 12V/0.5A
<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%, noncondensing
<b>Storage humidity</b>	5 to 90%, noncondensing
Package Contents	
	<ul style="list-style-type: none"> <li>• Cisco SD2005 5-Port 10/100/1000 Gigabit Switch</li> <li>• Power adapter</li> <li>• Quick Start Guide</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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