Cisco SD2008 8-Port 10/100/1000 Gigabit Switch
Cisco Small Business Unmanaged Switches

Wire-Speed Switching and Cisco Reliability in an 8-Port Gigabit Switch

Highlights

- Connect up to eight network devices - PCs, printers, and servers - to share and transfer files and videos across your network
- High-speed conectivity to support bandwidth-intensive applications
- Works right out of the box with no software to configure
- Compact size provides multiple placement option for areas with limited space

Figure 1.   Cisco SD2008 8-Port 10/100/1000 Gigabit Switch

Product Overview

The Cisco® SD2008 8-Port 10/100/1000 Gigabit Switch (Figure 1) provides nonblocking, wire-speed switching for your 10-, 100-, and 1000 megabit (Mb) network clients. Use this switch to replace your current workgroup hub or switch, and you can 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 SD2008, you can connect your existing 10/100 Ethernet network to a Gigabit server backbone without any additional equipment. All ports have automatic medium dependent interface (MDI) and MDI crossover (MDI-X) cable detection, so you don't have to worry about the cable type. Each port independently and automatically negotiates for best speed and determines whether to run in half- or full-duplex mode. Address Learning and Aging are supported, as well as 802.3x flow control with head-of-line blocking prevention to keep your high-speed clients from bogging down in lower-speed traffic. 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 ultracompact case design is sure to fit into your workgroup environment. Let the Cisco SD2008 8-Port 10/100/1000 Gigabit Switch kick your network into high gear.

Features

- Eight RJ-45 10/100/1000-Mbps auto-sensing half- or full-duplex switched ports

- Auto MDI/MDI-X cable detection on all ports

- 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 gives the specifications and package contents for the Cisco SD2008 8-Port 10/100/1000 Gigabit Switch.

Table 1. Specifications for the Cisco SD2008 8-Port 10/100/1000 Gigabit Switch

Specifications	
Standards	IEEE 802.3, 802.3u, 802.3x, 802.3ab
Ports	8 RJ-45 10/100/1000-Mbps ports
Cabling type	Category 5 Ethernet
LEDs	System, 1 through 8
Security feature	Security slot
Environmental	
Dimensions W x H x D	5.12 x 1.18 x 5.00 in. (130 x 30 x 127 mm)
Unit weight	0.94 lb (0.425 kg)
Power	DC12V/1A
Certification	FCC Class B, CE
Operating temperature	32º to 104ºF (0º to 40ºC)
Storage temperature	-40º to 158ºF (-40 to 70ºC)
Operating humidity	20% to 95%, noncondensing
Storage humidity	5% to 90%, noncondensing
Package Contents	
• Cisco SD2008 8-Port 10/100/1000 Gigabit Switch • AC power adapter • User guide	
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.

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Printed in USA

C78-500634-00   11/08