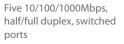# LINKSYS®
A Division of Cisco Systems, Inc.

Wire-speed switching and Linksys reliability in a 5-port Gigabit switch

SD2005

The 5-Port 10/100/1000 Gigabit Switch provides non-blocking, wire speed switching for your 10, 100, and 1000 megabit network clients. Drop this switch in place of 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 5-Port 10/100/1000 Gigabit Switch, you can connect your existing 10/100 Ethernet network to a Gigabit server backbone without any additional equipment. All ports have automatic MDI/MDI-X crossover 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. Address learning and aging is 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 into the network.

World famous Linksys reliability and the limited lifetime warranty give you peace of mind and the new ultra-compact case design is sure to fit into your workgroup environment. Let the Linksys 5-Port 10/100/1000 Gigabit Switch kick your network into high gear.

Five 10/100/1000Mbps, half/full duplex, switched ports	Forwards and filters packets at non-blocking, full wire speed	All ports have auto speed negotiation and auto MDI/MDI-X crossover detection	Linksys reliability and limited lifetime warranty

PRODUCT DATA

5-Port 10/100/1000 Gigabit Switch

BUSINESS SERIES

CISCO SYSTEMS

Model: SD2005

Features

- 5 RJ-45 10/100/1000Mbps 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, 802.3ab

- Non head-of-line blocking architecture

- Full-duplex IEEE 802.3x flow control and half-duplex backpressure with intelligent port-based congestion detection and broadcast rate control

PRODUCT DATA

BUSINESS SERIES

5-Port
10/100/1000 Gigabit Switch

Specifications

Model	SD2005
Standards	IEEE 802.3, 802.3u, 802.3x, 802.3ab
Ports	5 RJ-45 10/100/1000 Mbps ports
Cabling Type	Cat5e
LEDs	System, 1 through 5
Security Feature	Security Slot

Environmental

Dimensions	5.12" x 1.18" x 5.00"
W x H x D	(130 x 30 x 127 mm)
Unit Weight	0.94 lbs (0.425 kg)
Power	DC12V/0.5A
Certification	FCC Class B, CE
Operating Temperature	32 to 104ºF (0 to 40ºC)
Storage Temperature	-40 to 158ºF (-40 to 70ºC)
Operating Humidity	20 to 95%, noncondensing
Storage Humidity	5 to 90%, noncondensing

Package Contents

- 5-Port 10/100/1000 Gigabit Switch
- AC Power Adapter
- User Guide

Model: SD2005

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