

Compex 8 Port 10/100/1000Mbps Ethernet Switch

DSG1008 (RoHS compliant)

Version 1.2



Manual Number:
M-0391-V1.2C
Version 1.2
December 2003

1. Introduction



Figure 1 Compex DSG1008

The 8 Port 10/100/1000 Base-T compact switch is designed for easy installation and high performance in an environment where bandwidth intensive applications are needed. It offers ease of use to any users by offering auto-negotiation on all ports easily linking any Cat 5e cables to the switch. Its small form factor is designed to allow it to be placed even in the tightest closet.

2. Packaging Content

- 1 x Compex DSG1008
- 4 x rubber foot
- Power adapter (5VDC/2.4A)
- Quick Install Guide

3. Panel View

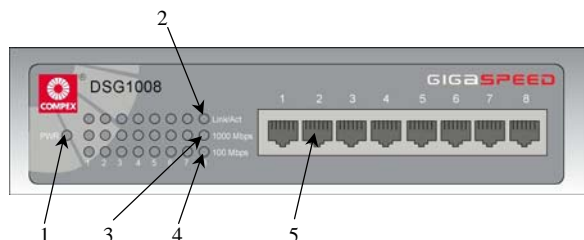


Figure 2 Front view of Compex DSG1008

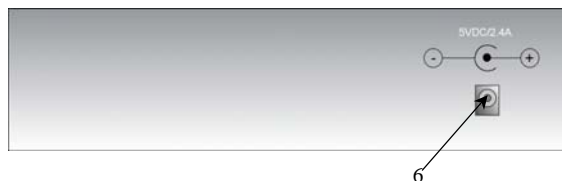


Figure 3 Back view of Compex DSG1008

4. Panel Descriptions

Indicator	Description	
1 PWR LED	Steady Green	Power is supplied to the unit.
	Off	No power is supplied to the unit.
2 Link/Act LED	Steady Green	A valid connection is present. Connected devices detected.
	Blinking Green	Packets are being sent/received through the respective port.
	Off	No connection is established.
3 1000Mbps	Steady Green	The port is operating at the speed of 1000Mbps.
	Off	<ul style="list-style-type: none"> • There is no connection in that particular port. • The port is operating in the speed of 10Mbps or 100Mbps.
4 100Mbps	Steady Green	The port is operating at the speed of 100Mbps.
	Off	<ul style="list-style-type: none"> • There is no connection in that particular port. • The port is operating at the speed of 10Mbps or 100Mbps.
5 8 RJ45 10/100/1000Mbps Ports	Use UTP/STP network cables to connect <ul style="list-style-type: none"> • 10 Base-T, 100 Base-TX or 1000Base-T • Auto negotiable feature 	
6 Power Socket	Power input at the range of 5VDC 2.4A	

5. Specifications

Certificate Standards	<ul style="list-style-type: none"> ◆ FCC Part 15 Class A ◆ CE Mark ◆ C-Tick ◆ Gost
Standards supported	Complies with <ul style="list-style-type: none"> ◆ IEEE 802.3: Ethernet ◆ IEEE 802.3u: Fast Ethernet ◆ IEEE 802.3ab: Gigabit
LED Indicators	<ul style="list-style-type: none"> ◆ Power ◆ Link/Act ◆ 100Mbps ◆ 100Mbps
Network Media	<ul style="list-style-type: none"> ◆ 10Base-T: 2-pair UTP/STP Category 3, 4, 5. Maximum length: 100 meter ◆ 100Base-TX: 2-pair UTP/STP Category 5. Maximum length: 100 meter ◆ 100Base-T: 4-pair UTP Category 5. Maximum length: 100 meter
Protocol	CSMA/CD
Data RAM Buffers	128K Bytes per device
Filtering Address Table	4K entries per device
Power Consumption	Maximum of 10.5 watts
Power Adapter	5VDC 2.4A
Dimension	190mm x 38mm x 120mm (W x D x H)
Environment Requirements	Operating Temperature: 0°C to 40°C Storage Temperature: -10°C to 70°C Operating Humidity: 10% to 90% RH Storage Humidity: 5% to 90% RH=Relative Humidity

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Manual Revision by Daniel
 Manual Number: **M-0391-V1.2C** Version 1.2, December 2003

FCC NOTICE: This device has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy. If not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception which can be determined by turning the PC off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ◆ Reorient or relocate the receiving antenna.
- ◆ Increase the distance between the computer and receiver.
- ◆ Connect the computer into an outlet on a circuit different from that to which the receiver is connected.
- ◆ Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

FCC Compliance Statement: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 (1) This device may not cause harmful interference, and
 (2) This device must accept any interference received that might caused undesired operation.

ICES 003 Statement
 This Class A digital apparatus complies with Canadian ICES-003.

DECLARATION OF CONFORMITY: Compex, Inc. declares that the product:
Product Name: Compex 8 Port 10/100/1000Mbps Ethernet Switch
Model No.: DSG1008 conforms to the following Product Standards:
Electromagnetic Interference (Conduction and Radiation): EN 55022 (CISPR 22)
Electromagnetic Immunity: EN 55024 (IEC61000-4-2,3,4,5,6,8,11)
Power Line Harmonics: EN 61000-3-2 (IEC610000-3-2)
Power Line Flicker: EN 61000-3-3 (IEC610000-3-3)

Therefore, this product is in conformity with the following regional standards: FCC Class A — following the provisions of FCC Part 15 directive; CE Mark — following the provisions of the EC directive.

Manufacturer's Name: <i>Compex, Inc.</i> Address: 4051 E. La Palma, Unit A, Anaheim, CA 92807, USA European Contact: ReadyLINK Netzwerktechnologie GmbH, Technical Support Albert Einstein Straße 34/M21, 63322 Rödermark, Germany [Fax: ++49 (60) 749-0668]	24 th December, 2003 Tea Chee Tiong, Arthur Assistant Product Engineering Manager
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6. Hardware Installation

Desktop installation

1. Unpack Compex DSG1008.
2. Place it near to a power outlet. Ensure that there is sufficient space for heat ventilation.

The surface to place Compex DSG1008 should be clean, smooth, level and sturdy. Ensure there is enough spacing around the unit to allow attachment of network cables.

3. Attach the rubber foot at the bottom of the metal chassis.
4. Insert the power cord into the socket located at the back of Compex DSG1008.
5. Use a RJ45 Ethernet cable and insert to any of the port and power on the switch.
6. Check that the **PWR** LED at the front panel of Compex DSG1008 has lighted up.

The unit is now ready to use.

-----Cut along the dotted line-----

WARRANTY REGISTRATION CARD		[M-0088-V2.3C]	
You can register via Internet at: http://www.cpx.com or http://www.compex.com.sg		Or E-mail: support@compex.com.sg with the following information:	
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Name:	Title:	E-mail:	
Company:		Dept:	
Address:			City:
Postal/Zip Code:		State:	Country:
Phone: ()		Extn:	Fax: ()
Computer in which this product is installed?		Model:	Serial No:
Network protocol (Check all that apply):	<input type="checkbox"/> TCP/IP	<input type="checkbox"/> IPX/ODI	<input type="checkbox"/> XNS
	<input type="checkbox"/> NDIS	<input type="checkbox"/> SNA	<input type="checkbox"/> NBP
	<input type="checkbox"/> Other:	<input type="checkbox"/> OST	<input type="checkbox"/> DLC
	<input type="checkbox"/> DECnet		
Network Operating System (Check all that apply):	Novell NetWare: <input type="checkbox"/> 3.X <input type="checkbox"/> 4.X <input type="checkbox"/> 5.X		
	SCO Unix: <input type="checkbox"/> Openserver Ver:		
	Microsoft Windows: <input type="checkbox"/> NT4.0 <input type="checkbox"/> 95 <input type="checkbox"/> 98 <input type="checkbox"/> Win 2000		
	Linux: <input type="checkbox"/> Red Hat Ver: _____ <input type="checkbox"/> SUSE Ver: _____ <input type="checkbox"/> Others: _____ Ver: _____		
	Others NOS: _____ Ver: _____		
Applications used on network processing (Check all that apply):	<input type="checkbox"/> Desktop Publishing	<input type="checkbox"/> Word Processing	<input type="checkbox"/> Accounting
	<input type="checkbox"/> CAD/CAM	<input type="checkbox"/> Spreadsheet	<input type="checkbox"/> Database Management
	<input type="checkbox"/> E-mail	<input type="checkbox"/> Other:	
How did you learn about Compex?	<input type="checkbox"/> Work	<input type="checkbox"/> Friend	<input type="checkbox"/> Internet
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