



DGE-550T
Gigabit Ethernet Adapter
for PCI Bus
User's Guide

Rev.04 (August, 2004)

6DGE550T..04

Printed in China



RECYCLABLE

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FCC Warning

This equipment has been tested and found to comply with the limits for a Class B 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 equipment generates, uses and can radiate radio frequency energy and, 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 equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment 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 separation between the equipment and receiver.
- Connect the equipment 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.

Shielded interface cables must be used in order to comply with emission limits.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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, including interference that may cause undesired operation.



Limited Warranty (USA Only)

Subject to the terms and conditions set forth herein, D-Link Systems, Inc. ("D-Link") provides this Limited warranty for its product only to the person or entity that originally purchased the product from:

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- Products purchased and delivered within the fifty states of the United States, the District of Columbia, U.S. Possessions or Protectorates, U.S. Military Installations, addresses with an APO or FPO.

Limited Warranty: D-Link warrants that the hardware portion of the D-Link products described below will be free from material defects in workmanship and materials from the date of original retail purchase of the product, for the period set forth below applicable to the product type ("Warranty Period"), except as otherwise stated herein.

1-Year Limited Warranty for the Product(s) is defined as follows:

- Hardware (excluding power supplies and fans) One (1) Year
- Power Supplies and Fans One (1) Year
- Spare parts and spare kits Ninety (90) days

D-Link's sole obligation shall be to repair or replace the defective Hardware during the Warranty Period at no charge to the original owner or to refund at D-Link's sole discretion. Such repair or replacement will be rendered by D-Link at an Authorized D-Link Service Office. The replacement Hardware need not be new or have an identical make, model or part. D-Link may in its sole discretion replace the defective Hardware (or any part thereof) with any reconditioned product that D-Link reasonably determines is substantially equivalent (or superior) in all material respects to the defective Hardware. Repaired or replacement Hardware will be warranted for the remainder of the original Warranty Period from the date of original retail purchase. If a material defect is incapable of correction, or if D-Link determines in its sole discretion that it is not practical to repair or replace the defective Hardware, the price paid by the original purchaser for the defective Hardware will be refunded by D-Link upon return to D-Link of the defective Hardware. All Hardware (or part thereof) that is replaced by D-Link, or for which the purchase price is refunded, shall become the property of D-Link upon replacement or refund.

Limited Software Warranty: D-Link warrants that the software portion of the product ("Software") will substantially conform to D-Link's then current functional specifications for the Software, as set forth in the applicable documentation, from the date of original retail purchase of the Software for a period of ninety (90) days ("Warranty Period"), provided that the Software is properly installed on approved hardware and operated as contemplated in its documentation. D-Link further warrants that, during the Warranty Period, the magnetic media on which D-Link delivers the Software will be free of physical defects. D-Link's sole obligation shall be to replace the non-conforming Software (or defective media) with software that substantially conforms to D-Link's functional specifications for the Software or to refund at D-Link's sole discretion. Except as otherwise agreed by D-Link in writing, the replacement Software is provided only to the original licensee, and is subject to the terms and conditions of the license granted by D-Link for the Software. Software will be warranted for the remainder of the original Warranty Period from the date of original retail purchase. If a material non-conformance is incapable of correction, or if D-Link determines in its sole discretion that it is not practical to replace the non-conforming Software, the price paid by the original licensee for the non-conforming Software will be refunded by D-Link; provided that the non-conforming Software (and all copies thereof) is first returned to D-Link. The license granted respecting any Software for which a refund is given automatically terminates.

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- The original product owner must obtain a Return Material Authorization ("RMA") number from the Authorized D-Link Service Office and, if requested, provide written proof of purchase of the product (such as a copy of the dated purchase invoice for the product) before the warranty service is provided.

- After an RMA number is issued, the defective product must be packaged securely in the original or other suitable shipping package to ensure that it will not be damaged in transit, and the RMA number must be prominently marked on the outside of the package. Do not include any manuals or accessories in the shipping package. D-Link will only replace the defective portion of the Product and will not ship back any accessories.
- The customer is responsible for all in-bound shipping charges to D-Link. No Cash on Delivery ("COD") is allowed. Products sent COD will either be rejected by D-Link or become the property of D-Link. Products shall be fully insured by the customer and shipped to D-Link Systems, Inc., 17595 Mt. Herrmann, Fountain Valley, CA92708. D-Link will not be held responsible for any packages that are lost in transit to D-Link. The repaired or replaced packages will be shipped to the customer via UPS Ground or any common carrier selected by D-Link, with shipping charges prepaid. Expedited shipping is available if shipping charges are prepaid by the customer and upon request.

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What Is Not Covered: This limited warranty provided by D-Link does not cover: Products, if in D-Link's judgment, have been subjected to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, repair or service in any way that is not contemplated in the documentation for the product, or if the model or serial number has been altered, tampered with, defaced or removed; Initial installation, installation and removal of the product for repair, and shipping costs; Operational adjustments covered in the operating manual for the product, and normal maintenance; Damage that occurs in shipment, due to act of God, failures due to power surge, and cosmetic damage; Any hardware, software, firmware or other products or services provided by anyone other than D-Link; Products that have been purchased from inventory clearance or liquidation sales or other sales in which D-Link, the sellers, or the liquidators expressly disclaim their warranty obligation pertaining to the product. Repair by anyone other than D-Link or an Authorized D-Link Service Office will void this Warranty.

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Information in this document is subject to change without notice.

Warranty for all Countries and Regions except USA

Wichtige Sicherheitshinweise

Bitte lesen Sie sich diese Hinweise sorgfältig durch.

Heben Sie diese Anleitung für den spätern Gebrauch auf.

Vor jedem Reinigen ist das Gerät vom Stromnetz zu trennen. Verwenden Sie keine Flüssig- oder Aerosolreiniger. Am besten dient ein angefeuchtetes Tuch zur Reinigung.

Um eine Beschädigung des Gerätes zu vermeiden sollten Sie nur Zubehörteile verwenden, die vom Hersteller zugelassen sind.

Das Gerät ist vor Feuchtigkeit zu schützen.

Bei der Aufstellung des Gerätes ist auf sichern Stand zu achten. Ein Kippen oder Fallen könnte Verletzungen hervorrufen. Verwenden Sie nur sichere Standorte und beachten Sie die Aufstellhinweise des Herstellers.

Die Belüftungsöffnungen dienen zur Luftzirkulation die das Gerät vor Überhitzung schützt. Sorgen Sie dafür, daß diese Öffnungen nicht abgedeckt werden.

Beachten Sie beim Anschluß an das Stromnetz die Anschlußwerte.

Die Netzanschlußsteckdose muß aus Gründen der elektrischen Sicherheit einen Schutzleiterkontakt haben.

Verlegen Sie die Netzanschlußleitung so, daß niemand darüber fallen kann. Es sollte auch nichts auf der Leitung abgestellt werden.

Alle Hinweise und Warnungen die sich am Geräten befinden sind zu beachten. Wird das Gerät über einen längeren Zeitraum nicht benutzt, sollten Sie es vom Stromnetz trennen. Somit wird im Falle einer Überspannung eine Beschädigung vermieden.

Durch die Lüftungsöffnungen dürfen niemals Gegenstände oder Flüssigkeiten in das Gerät gelangen. Dies könnte einen Brand bzw. Elektrischen Schlag auslösen. Öffnen Sie niemals das Gerät. Das Gerät darf aus Gründen der elektrischen Sicherheit nur von autorisiertem Servicepersonal geöffnet werden.

Wenn folgende Situationen auftreten ist das Gerät vom Stromnetz zu trennen und von einer qualifizierten Servicestelle zu überprüfen:

Netzkabel oder Netzstecker sind beschädigt.

Flüssigkeit ist in das Gerät eingedrungen.

Das Gerät war Feuchtigkeit ausgesetzt.

Wenn das Gerät nicht der Bedienungsanleitung entsprechend funktioniert oder Sie mit Hilfe dieser Anleitung keine Verbesserung erzielen.

Das Gerät ist gefallen und/oder das Gehäuse ist beschädigt.

Wenn das Gerät deutliche Anzeichen eines Defektes aufweist.

Bei Reparaturen dürfen nur Originalersatzteile bzw. den Originalteilen entsprechende Teile verwendet werden. Der Einsatz von ungeeigneten Ersatzteilen kann eine weitere Beschädigung hervorrufen.

Wenden Sie sich mit allen Fragen die Service und Reparatur betreffen an Ihren Servicepartner. Somit stellen Sie die Betriebssicherheit des Gerätes sicher.

Zum Netzanschluß dieses Gerätes ist eine geprüfte Leitung zu verwenden, Für einen Nennstrom bis 6A und einem Gerätegewicht größer 3kg ist eine Leitung nicht leichter als H05VV-F, 3G, 0.75mm² einzusetzen.

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IF THE D-LINK PRODUCT DOES NOT OPERATE AS WARRANTED ABOVE, THE CUSTOMER'S SOLE REMEDY SHALL BE, AT D-LINK'S OPTION, REPAIR OR REPLACEMENT. THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. D-LINK NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE, INSTALLATION MAINTENANCE OR USE OF D-LINK'S PRODUCTS.

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IF YOU PURCHASED A D-LINK PRODUCT IN THE UNITED STATES, SOME STATES DO NOT ALLOW THE LIMITATION OR EXCLUSION OF LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

Limited Warranty

Hardware:

D-Link warrants each of its hardware products to be free from defects in workmanship and materials under normal use and service for a period commencing on the date of purchase from D-Link or its Authorized Reseller and extending for the length of time stipulated by the Authorized Reseller or D-Link Branch Office nearest to the place of purchase.

If the product proves defective within the applicable warranty period, D-Link will provide repair or replacement of the product. D-Link shall have the sole discretion whether to repair or replace, and replacement product may be new or reconditioned. Replacement product shall be of equivalent or better specifications, relative to the defective product, but need not be identical. Any product or part repaired by D-Link pursuant to this warranty shall have a warranty period of not less than 90 days, from date of such repair, irrespective of any earlier expiration of original warranty period. When D-Link provides replacement, then the defective product becomes the property of D-Link.

After an RMA number is issued, the defective product must be packaged securely in the original or other suitable shipping package to ensure that it will not be damaged in transit, and the RMA number must be prominently marked on the outside of the package. The package must be mailed or otherwise shipped to D-Link with all costs of mailing/shipping/insurance prepaid. D-Link shall never be responsible for any software, firmware, information, or memory

data of Purchaser contained in, stored on, or integrated with any product returned to D-Link pursuant to this warranty.

Any package returned to D-Link without an RMA number will be rejected and shipped back to Purchaser at Purchaser's expense, and D-Link reserves the right in such a case to levy a reasonable handling charge in addition mailing or shipping costs.

Software:

D-Link warrants that its software products will perform in substantial conformance with the applicable product documentation provided by D-Link with such software product, for a period of ninety (90) days from the date of purchase from D-Link or its Authorized Reseller. D-Link warrants the magnetic media, on which D-Link provides its software product, against failure during the same warranty period. This warranty applies to purchased software, and to replacement software provided by D-Link pursuant to this warranty, but shall not apply to any update or replacement which may be provided for download via the Internet, or to any update which may otherwise be provided free of charge.

D-Link's sole obligation under this software warranty shall be to replace any defective software product with product, which substantially conforms to D-Link's applicable product documentation. Purchaser assumes responsibility for the selection of appropriate application and system/platform software and associated reference materials. D-Link makes no warranty that its software products will work in combination with any hardware, or any application or system/platform software product provided by any third party, excepting only such products as are expressly represented, in D-Link's applicable product documentation as being compatible. D-Link's obligation under this warranty shall be a reasonable effort to provide compatibility, but D-Link shall have no obligation to provide compatibility when there is fault in the third-party hardware or software. D-Link makes no warranty that operation of its software products will be uninterrupted or absolutely error-free, and no warranty that all defects in the software product, within or without the scope of D-Link's applicable product documentation, will be corrected.

Registration

Register your product on-line at:

<http://support.dlink.com/register>

Product registration is entirely voluntary and failure to complete or return this form will not diminish your warranty rights.

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Introduction

Thank you for choosing D-Link DGE-550T, the value leader among multi-speed adapters for PCI Bus personal computers. This introduction gives a general description of the newer networking technologies found on the DGE-550T.

The DGE-550T provides the bandwidth capability to support high-end servers and workstations. With Auto-negotiation, this card can run on three different speeds: 10/100Mbps, both half- and full-duplex, and 1000Mbps at full duplex. When running at 1000Mbps, it provides a network throughput of 2Gbps in full-duplex mode.

The card supports IEEE 802.1p Traffic Prioritization for time-sensitive and mission-critical traffic. With IEEE 802.1Q VLAN support, it provides VLAN tables that can filter packets by recognized VLAN tags, strip VLAN tags when received, and insert VLAN tags when transmitted. VLANs can increase efficiency and provide extra security for your network.

The DGE-550T provides IEEE802.3x Flow Control Enhancements, which are needed for a network adapter to function with a switch. In full-duplex mode, MAC implements the PAUSE control function. This means when a switch is connected in full-duplex mode and it senses that its buffer will overflow in the near future,

the switch will transmit one standard Ethernet packet that causes the DGE-550T to pause for a period, thus avoiding internal buffer overflow and packet loss.

The NIC enables simple, scalable network migration, providing the benefit of Gigabit Ethernet networking with the familiarity of Ethernet.

Features

Designed for versatility and performance, the DGE-550T Adapter provides the following:

- Operability in both 32-bit, 33 MHz and 64-bit, 66 MHz slot servers
- Universal Bus support, 3.3V and 5V
- IP.4 checksum task off-loading for checksum generation and verification
- Compliance with IEEE 802.3ab 1000BASE-T Gigabit Ethernet standards ,IEEE 802.3u Fast Ethernet standards and IEEE 802.3 Ethernet standards
- Plug-and-Play installation
- Support for 802.1Q VLAN Capacity
- Support Jumbo frame (NDIS and Linux driver)
- Adaptive Inter Frame Spacing (IFS) capacity
- Auto-assignment of IRQ numbers and IO address
- Full-duplex Gigabit Ethernet interface that delivers 2Gbps aggregate bandwidth

- One built-in RJ-45 connector
- Support for Gigabit Ethernet over standard Category 5 and 5e UTP wiring for distances up to 100 meters
- Auto-negotiation to the highest available speed
- Four LED indicators:
Link/Activity, Full Duplex, 1000Mbps, 100Mbps
- Driver[†] support for:
 - √ Linux kernel v. 2.4 and up
 - √ Novell Netware 5.1 ODI3.0
 - √ Windows NT 4.0
 - √ Windows 2000
 - √ Windows 98 SE
 - √ Windows ME
 - √ Windows 95OSR2
 - √ Windows XP
 - √ Windows server 2003

[†] Check <http://www.dlink.com> for newest release of drivers.

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Installation

Unpack and Inspect

CAUTION: *Under ordinary circumstances, a DGE-550T card will not be affected by static charge as may be received through your body during handling of the unit. In special circumstances where you may carry an extraordinarily high static charge, it is good practice to reduce the charge by touching a ground before handling the adapter card.*

Open the shipping carton and carefully remove all items. In addition to this User's Guide, ascertain that you have:

- One DGE-550T 10/100/1000 PCI Adapter Card.
- Software CD-ROM
- User's Guide

Installing the Adapter

1. Shut down the computer, unplug its power cord, and remove the chassis cover.
2. Insert the contact edge of the DGE-550T card into the connector of any available PCI Bus Master

expansion slot. Press the card firmly into the connector such that the card's contacts are fully seated in the connector.

3. Install the bracket screw that secures the card to the computer chassis.
4. Replace the computer's chassis cover.
5. Reconnect the computer's power cord, and switch computer power on. If the BIOS section of your computer's boot program is Plug-and-Play compliant, then at power-up the BIOS will automatically configure any newly installed DGE-550T adapter.

Connecting the Network Cable

1000BASE-T Gigabit Ethernet enables operation over the extensive installed base of legacy Category 5 cabling systems and, by default, the Category 5 cabling systems currently being installed.

It provides optimal full-duplex 1000Mb/s Ethernet service over Category 5e links as defined by ANSI/TIA/EIA-568-A-5. Topology rules for 1000BASE-T are the same as those used for 100BASE-T. Category 5 and 5e link lengths are limited to 100 meters.

Software Installation

With the wide variety of network architecture in mind, the instructions for driver[‡] software installation are given as README files on the DGE-550T Software CD-ROM. Review the file README in the root directory for an overview and full installation details; see the README and referenced instruction files in the subdirectory appropriate to your network operating system.

A brief overview of the installation details is as follows: As the DGE-550T is Plug-and-Play compliant, the driver software should be automatically detected and installed in PCs running Windows 95, 98, 2000, **XP and 2003 Server**. After “New Hardware Found” dialog boxes for “PCI Ethernet Controller” and “D-Link DGE-550T Gigabit Ethernet Adapter” are displayed in rapid succession, a “Copying Files” window, and then an “Insert Disk” window appear. The final step is placing the DGE-550T Software CD-ROM in your CD-ROM drive and then making sure the correct location is selected. Once this is done the software installation should be complete.

[‡] Check <http://www.dlink.com> for newest release of drivers.

Troubleshooting

If you experience any problems with the adapter, first: ascertain that the appropriate driver is loaded; that the proper grade of cable is employed for the network connection; and that the supporting hub is properly qualified for the application.

The DGE-550T Adapter features four LED indicators:

- **Link/Activity** Steady green indicates good linkage between the DGE-550T and its supporting server or switch. Flashing green indicates activity (transmitting or receiving) within the adapter.
- **FDX** Steady green indicates the adapter is operating in full-duplex mode.
- **1000M** The LED indicator lights green when a 1000 Mbps device is connected to the adapter.
- **100M** The LED indicator lights green when a 100 Mbps device is connected to the adapter.

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Specifications

Jumperless Hardware

LAN Chip Set:

- Gigabit Media Access controller: DL2000

EMI Certifications:

- FCC Class B
- CE Class B
- BSMI Class B
- VCCI Class B
- C-Tick

Host interface: PCI Bus (Bus Master)

I/O base address assigned by Plug and Play system

Interrupt Number Assigned by Plug and Play system

Physical Dimensions: 166 mm (L) x 73 mm (H)

Environment:

- Storage temp.: -25° to 55°C (-13° to 131° F)
- Operating temp.: 0° to 50° C (32° to 122° F)
- Humidity: 5% to 90% non-condensing
- Power Consumption: 6W

D-Link® Offices

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URL: www.dlink-france.fr

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GmbH)**
Schwalbacher Strasse 74, D-65760 Eschborn,
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URL: www.dlink.de

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D-Link House, Kurla-Bandra Complex Rd., Off Cst
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Santacruz (East), Mumbai, 400 098 India
TEL: 91-022-652-6696/6578/6623
FAX: 91-022-652-8914/8476
URL: www.dlink.co.in & www.dlink-india.com

Israel **D-Link Israel**
11 Hamanofim Street, Ackerstein Towers, Regus
Business Center
P.O.B. 2148, Hertzelia-Pituach 46120, Israel
TEL: 972-9-9715700 FAX: 972-9-9715601
URL: www.dlink.co.il

Italy **D-Link Mediterraneo Srl/D-Link Italia**
Via Nino Bonnet n. 6/B, 20154, Milano, Italy
TEL: 39-02-2900-0676 FAX: 39-02-2900-1723
URL: www.dlink.it

Netherlands **D-Link Netherlands**
Weena 290, 3012 NJ Rotterdam, The Netherlands
TEL: 31 (0)10 282 1445 FAX: 31 (0)10 282 1331
URL: www.dlink-benelux.com

Norway **D-Link Norway**
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URL: www.dlink.no

Russia **D-Link Russia**
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URL: www.dlink.ru

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URL: www.dlink-intl.com

South Africa **D-Link South Africa**
Einstein Park II, Block B
102-106 Witch-Hazel Avenue
Highveld Technopark, Centurion, Gauteng, Republic
of South Africa
TEL: 27-12-665-2165 FAX: 27-12-665-2186
URL: www.d-link.co.za

Spain **D-Link Iberia**
C/Sabino de Arana, 56 Bajos, 08028 Barcelona,
Spain
TEL: 34 93 409 0770 FAX: 34 93 491 0795
URL: www.dlink.es

Sweden **D-Link Sweden**
P. O. Box 15036, S-167 15 Bromma, Sweden
TEL: 46-(0)8564-61900 FAX: 46-(0)8564-61901
URL: www.dlink.se

Taiwan **D-Link Taiwan**
2F, No. 119, Pao-chung Road, Hsin-tien, Taipei,
Taiwan
TEL: 886-2-2910-2626 FAX: 886-2-2910-1515
URL: www.dlinktw.com.tw

Turkey**D-Link Turkey**

Regus Offices Beybi Giz Plaza, Ayazaga Mah. Meydan
Sok. No. 28
Maslak 34396, Istanbul-Turkiye
TEL: 90-212-335-2553 FAX: 90-212-335-2500
URL: www.dlink.com.tr

U.A.E.**D-Link Middle East**

P.O. Box 500376, Office No. 103, Building 3
Dubai Internet City, Dubai, United Arab Emirates
TEL: 971-4-3916480 FAX: 971-4-3908881
URL: www.dlink-me.com

U.K.**D-Link Europe (United Kingdom)**

4th Floor, Merit House, Edgware Road, Colindale,
London
NW9 5AB United Kingdom
TEL: 44-020-8731-5555 FAX: 44-020-8731-5511
URL: www.dlink.co.uk

U.S.A.**D-Link Systems, Inc.**

17595 Mt. Herrmann, Fountain Valley, CA 92708,
USA
TEL: 1-714-885-6000 FAX: 1-866-743-4905
URL: www.dlink.com

Registration Card (Excluding USA)

Print, type or use block letters.

Your name: _____
Mr./Ms _____
Organization: _____ Dept. _____
Your title at organization: _____
Telephone: _____ Fax: _____
Organization's full address: _____
Country: _____ Date of purchase
(Month/Day/Year): _____

Product Model	Product Serial No.	* Product installed in type of computer (e.g., Compaq 486)	* Product installed Computer serial No.

(* Applies to adapters only)

Product was purchased from:

Reseller's name: _____
Telephone: _____ Fax: _____
Reseller's full address: _____

- Where and how will the product primarily be used?**
Home Office Travel Company Business Home Business Personal
 - How many employees work at installation site?**
1 employee 2-9 10-49 50-99 100-499 500-999 1000 or more
 - What network protocol(s) does your organization use ?**
XNS/IPX TCP/IP DECnet Other _____
 - What network operating system(s) does your organization use ?**
D-Link LANsmart Novell NetWare NetWare Lite SCO Unix/Xenix
PC NFS 3Com 3+Open Banyan Vines DECnet Pathwork
Windows NT Windows NTAS Windows '95 Other _____
 - What network management program does your organization use ?**
D-View HP OpenView/Windows HP OpenView/Unix SunNet Manager Novell NMS
NetView 6000 Other _____
 - What network medium/media does your organization use ?**
Fiber-optics Thick coax Ethernet Thin coax Ethernet
10BASE-T UTP/STP 100BASE-TX 100BASE-T4 100VGAnyLAN Other _____
 - What applications are used on your network?**
Desktop publishing Spreadsheet Word processing CAD/CAM
Database management Accounting Other _____
 - What category best describes your company?**
Aerospace Engineering Education Finance Hospital Legal Insurance/Real Estate
Manufacturing Retail/Chainstore/Wholesale Government
Transportation/Utilities/Communication VAR Systemhouse/company Other _____
 - Would you recommend your D-Link product to a friend?**
Yes No (why?) _____ I don't know yet
- 10. Your comments on this product:**

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