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You can read the recommendations in the user guide, the technical guide or the installation guide for D-LINK DES-1016D. You'll find the answers to all your questions on the D-LINK DES-1016D in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual D-LINK DES-1016D
User guide D-LINK DES-1016D
Operating instructions D-LINK DES-1016D
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Instruction manual D-LINK DES-1016D

DES-1016D
**10/100 NWay Ethernet/
Fast Ethernet Switch**
User's Guide

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The carton should contain the following items: @@@@ One 10/100 NWay Ethernet/Fast Ethernet Switch @@@@ One AC power cord @@@@ This User's Guide @@@@ Four rubber feet with adhesive backing If any item is found missing or damaged, please contact your local network supplier for replacement. Unpacking and Setup 3 10/100 NWay Ethernet/Fast Ethernet Switch User's Guide Setup The setup of the Switch can be performed using the following steps: @@@@ The surface must support at least 5kg for the Switch. @@@@ The power outlet should be within 1.82 meters (6 feet) of the device. @@@@ Visually inspect the power cord and see that it is fully secured to the AC power connector.

@@@@ Make sure that there is proper heat dissipation from and adequate ventilation around the Switch.



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Do not place heavy objects on the Switch. Desktop or Shelf Installation When installing the Switch on a desktop or shelf, the rubber feet included with the device must be first attached. Attach these cushioning feet on the bottom at each corner of the device. Allow enough ventilation space between the device and the objects around it.

4 Unpacking and Setup 10/100 NWay Ethernet/Fast Ethernet Switch User's Guide Figure 2. 1 10/100 NWay Ethernet/Fast Ethernet Switch installed on a Desktop or Shelf Rack Installation The Switch can be mounted in an EIA standard size, 19-inch rack, which can be placed in a wiring closet with other equipment. For information about the DFE-700B Rack Mounting Brackets, consult your computer hardware dealer. If you already possess the brackets, attach them on the Switch's front panel (one on each side), and then secure them with the provided screws. Then, use these screws provided with the equipment rack to mount each Switch in the rack. Follow the direct/straight cable (Cat. The PC (equipped with a RJ-45 10/100 Mbps jack) should be connected to any of the sixteen ports (1x -16x). figure 4. 1 10/100 NWay Ethernet/Fast Ethernet Switch connected to a PC or Workstation Connecting The Switch 11 10/100 NWay Ethernet/Fast Ethernet Switch User's Guide The LED indicators for PC connection are dependent on the LAN card capabilities. If LED indicators are not illuminated after making a proper connection, check the PC's LAN card, the cable, Switch conditions, and connections.

The following are LED indicator possibilities for a PC to Switch connection: 1. The 100Mbps LED indicator comes on for a 100 Mbps connection and stays off for 10 Mbps connection. 2. The Link/Act LED indicator illuminates upon hookup. Switch to Hub (with Uplink) A hub (10 or 100BASE-TX) can be connected to the Switch via a two-pair Category 3, 4, 5 UTP/STP straight cable. The connection is accomplished from the hub's Uplink (MDI-II) port to any of the Switch's (MDI-X) ports. figure 4. 2 10/100 NWay Ethernet/Fast Ethernet Switch connected to a 10BASE-T or 100BASE-TX Hub 12 Connecting The Switch 10/100 NWay Ethernet/Fast Ethernet Switch User's Guide 10BASE-T Hub For a 10BASE-T hub, the Switch's LED indicators should illuminate the following: 100Mbps LED speed indicator is OFF. Link/Act indicator is ON. link/Act is ON.

Using crossover cable When using crossover cable, the connection can be made from any MDI-X ports of the Switch to any port of the Hub. 6 kg FCC Class A, VCCI Class A, BSMI Class A, CE Mark Class A, C-Tick Class A UL, CUL Safety: Performance Transmission Methods: RAM Buffer: Store-and-forward 2M SGRAM per device 16 Technical Specifications 10/100 NWay Ethernet/Fast Ethernet Switch User's Guide Packet Filtering/Forwarding Rate: 14,880 pps per port (for 10Mbps) 148,800 pps per port (for 100Mbps) MAC Address Learning: Up to 8K MAC address table Technical Specifications 17 10/100 NWay Ethernet/Fast Ethernet Switch User's Guide B 6 RJ-45 P I N S PECIFICATION When connecting the 10/100 NWay Ethernet/Fast Ethernet Switch to another switch, a bridge or a hub, a modified crossover cable is necessary. Please review these products for matching cable pin assignment. The following diagram and tables show the standard RJ-45 receptacle/connector and their pin assignments for the switch-to-network adapter card connection, and the straight/crossover cable for the Switch-to-switch/hub/bridge connection. The standard RJ-45 receptacle/connector 18 RJ-45 Pin Specification 10/100 NWay Ethernet/Fast Ethernet Switch User's Guide RJ-45 Connector pin assignment Contact Media Direct Interface Signal 1 2 3 4 5 6 7 8 Tx + (transmit) Tx - (transmit) Rx + (receive) Not used Not used Rx - (receive) Not used Not used The standard Category 3 cable, RJ-45 pin assignment The following shows straight cable and crossover cable connection: Straight cable for Switch (Uplink MDI-II port) to switch/Hub or other devices connection Crossover cable for Switch (MDI-X port) to switch/hub or other network devices (MDI-X port) connection RJ-45 Pin Specification 19 Offices AUSTRALIA D-LINK AUSTRALIA PTY.

Com Registration Card Print, type or use block letters. (* Applies to adapters only) Product was purchased from: Reseller's name: Telephone: _____

Fax: _____ Reseller's full address: _____

Answers to the following questions help us to support your product: 1. Where and how will the product primarily be used? How many employees work at installation site? What network protocol(s) does your organization use? What network operating system(s) does your organization use? What network management program does your organization use? What network medium/media does your organization use? What applications are used on your network? What category best describes your company? Would you recommend your D-Link product to a friend? Your comments on this product? .



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