

HIGH PERFORMANCE  
**FASTER**  
READ/WRITE SPEEDS¹  
GIGABIT CONNECTIVITY



## 2-BAY NETWORK STORAGE ENCLOSURE

Insert up to two internal 3.5" SATA hard drives without using any tools or cables¹

Protect your important files by making regular backups to mirrored hard drives using RAID 1 technology²

Access stored files over the Internet

### **SAFELY SHARE DIGITAL FILES LOCALLY AND OVER THE INTERNET**

The D-Link® 2-Bay Network Storage Enclosure (DNS-323) when used with two internal 3.5" SATA drives¹ enables you to share documents, files, and digital media such as music, photos, and video with everyone on your home or office network. With the built-in FTP server³, you can access your files remotely over the Internet from anywhere in the world and keep data safe by only giving rights to specific users or groups. When configuring the DNS-323, you can create users and groups and assign them to folders with either read or read/write permissions. This is ideal for an office environment with employee-specific sensitive data or for the home where you can ensure your children will only have access to age appropriate material. With the built-in USB print server port, you can add a USB printer to your network without a dedicated computer so anyone can print from anywhere on the network.

### **STREAM DIGITAL MEDIA CONTENT TO UPnP™ AV COMPATIBLE MEDIA PLAYERS**

The DNS-323 includes the latest BitTorrent® software support so you can access and store digital media from the Internet without the need for a dedicated PC to be turned on or connected. The DNS-323 connects directly to your home or office network and acts as a media hub for BitTorrent-enabled content. The DNS-323 also acts as an UPnP™ AV media server that streams media to a compatible player (such as those found in D-Link's MediaLounge™ product line).

### **PROTECTION, PERFORMANCE, AND FLEXIBILITY**

Four different hard drive modes (Standard, JBOD, RAID 0, RAID 1) enable you to choose the configuration best suited to your needs. Standard mode creates two separately accessible hard drives. JBOD combines both drives in linear fashion for maximum space efficiency. RAID 0 combines both drives in a 'striped' configuration, which provides the highest performance. RAID 1 causes the drives to mirror each other, providing maximum protection. If one drive fails while configured as RAID 1, the unaffected drive continues as a single drive until the failed drive is replaced. The new drive will then be remirrored, returning full protection to both drives after it has been mirrored.

### **SIMPLIFIED MANAGEMENT**

The DNS-323 can automatically back up your data regardless of your computer's operating system (Windows®, Mac®, or Linux®). For Windows users, the included feature-rich backup software can help you create schedules and rules including real-time full or incremental backups and storage quotas for specific users and groups. The DNS-323 also features a built-in FTP server³ to access files through the Internet, enabling you to manage your files from anywhere in the world.

The 2-Bay Network Storage Enclosure (DNS-323) is a high performance, cost-effective solution that provides protection, performance, and flexibility along with simplified management and gigabit connectivity, perfect for your home and small business data storage needs.

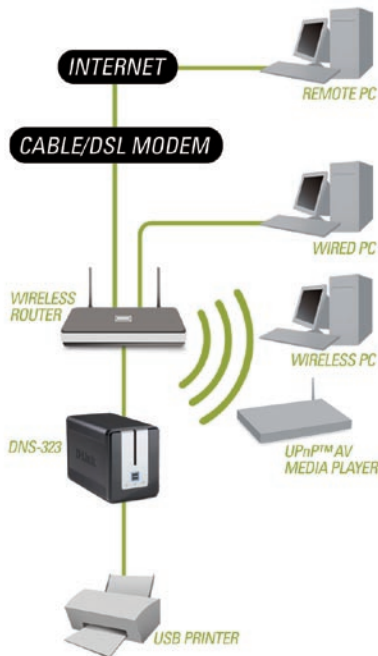
### WHAT THIS PRODUCT DOES

The D-Link 2-Bay Network Storage Enclosure (DNS-323) when used with internal SATA drives<sup>1</sup> enables you to share documents, music, photos and video across the network and on the Internet so family members, friends, or employees can access them. This enclosure creates a central network point for backing up valuable files and the built-in RAID 1 mirroring technology<sup>2</sup> protects these files from drive failure. You can also use this device to stream photos, music, and videos to UPnP AV compatible network media players<sup>5</sup>.

### ROBUST SOFTWARE INCLUDED

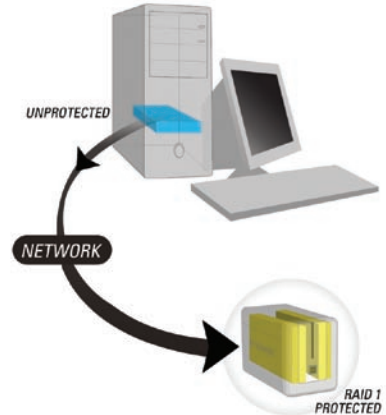
The included CD contains the D-Link Easy Search Utility. This utility allows access to the DNS-323 from anywhere on the network. A feature-rich backup software is also included. You can back up valuable files from a computer to the DNS-323 in real-time, manually or on a schedule. Real-time backups are a great way to safeguard against unfortunate accidents that may result in the loss of precious files.

### YOUR NETWORK SETUP



### MIRRORING HARD DRIVES WITH RAID 1 TECHNOLOGY

Backing up to a regular hard drive offers a basic level of protection. But what if that hard drive fails? Using the DNS-323 with two internal SATA drives<sup>1</sup> and RAID 1 technology<sup>2</sup>, you can mirror between the two drives (i.e. duplicate data on both drives), ensuring maximum protection of valuable data. If one drive fails, the other continues to function as a single drive until the failed drive is replaced.



### TECHNICAL SPECIFICATIONS

#### STANDARDS

- + IEEE 802.3 10Base-T Ethernet
- + IEEE 802.3u 100Base-TX Fast Ethernet
- + IEEE 802.3ab 1000Base-T Gigabit

#### SUPPORTED HARD DRIVE TYPE

- + SATA<sup>1</sup>
- + 3.5" Internal

#### PORTS

- + 1 10/100/1000 Gigabit Ethernet Port
- + Jumbo Frame support up to 9000 Bytes<sup>4</sup>
- + 1 USB Print Server Port
- + Power

#### DRIVE MANAGEMENT

- + Four Different Hard Drive Configurations
- + Drive Status with Email alerts
- + Drive Quotas
- + Power Management

#### DEVICE MANAGEMENT

- + Internet Explorer v6 or other Java-enabled browser

#### LEDs

- + Power + LAN
- + HDD 1 + HDD 2

#### CERTIFICATIONS

- + FCC Class B + CE
- + VCCI + CSA

#### OPERATING TEMPERATURE

- + Operating: 32° to 104°F (0° to 40°C)

#### OPERATING HUMIDITY

- + 90% Maximum (Non-condensing)

#### DIMENSIONS

- + Item (W x D x H): 4" x 7.8" x 5" (101.6mm x 198.1mm x 127mm)
- + Packaging (W x D x H): 11" x 8.3" x 7.3" (279.4mm x 209.6mm x 184.2mm)

#### WEIGHT

- + Item: 2.7 lbs (1.2 kg)
- + Packaging: 5 lbs (2.3 kg)

#### WARRANTY

- + 1-Year Limited<sup>6</sup>

<sup>1</sup> Hard Drive(s) not included. An internal SATA drive is required to store or share your files; drive must be formatted before use.  
<sup>2</sup> RAID 1 mirroring requires the use of two (2) internal SATA drives. To avoid data incompatibility in RAID 1 operation, use SATA drives from the same manufacturer. Formatted drive capacity for RAID 1 operation is dependant on the drive capacity of the lowest-sized drive. May not work with older generation SATA drives. For a list of SATA drives that have been tested to work with the DNS-323, visit [www.support.dlink.com](http://www.support.dlink.com).  
<sup>3</sup> Unless additional precautions are taken, use of an FTP Server to access files over the Internet does not provide for secure or encrypted transmissions. It is recommended that the end-user utilize a Virtual Private Network (VPN) to establish a secure FTP session.  
<sup>4</sup> Jumbo Frame Support for 9000 bytes is applicable in Gigabit mode only. Use of Jumbo Frame feature requires the PC to have gigabit NIC that supports Jumbo Frames. Jumbo Frames performance may be affected when used in 10/100 Fast Ethernet mode.  
<sup>5</sup> D-Link cannot guarantee full compatibility or proper playback with all codecs. Playback compatibility depends on the codec support of the UPnP™ AV media player.  
<sup>6</sup> 1-Year Limited Warranty available only in the USA and Canada.  
<sup>7</sup> Latest software and documentation available at <http://support.dlink.com>

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

## STORAGE

#### MINIMUM SYSTEM REQUIREMENTS

- + Computer with:
  - 1GHz Processor
  - 512MB RAM
  - 200MB of Available Hard Disk Space
  - Windows Vista® or Windows® XP SP2
  - CD-ROM to View Product Documentation and Install Software

#### PACKAGE CONTENTS

- + 2-Bay Network Storage Enclosure
- + Power Adapter
- + Ethernet Cable
- + Installation Guide
- + CD-ROM<sup>7</sup> with:
  - Software
  - Product Documentation

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