

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



## 4-BAY NETWORK STORAGE ENCLOSURE

Easily insert up to 4 SATA hard drives<sup>1</sup>  
without using tools

Protect important files with RAID 1 or  
RAID 5 data redundancy

Access stored files over the Internet

The D-Link® 4-Bay Network Storage Enclosure (DNS-343) is the perfect way to store, share, and safeguard your documents, music, videos, and photos. With the D-Link tool-less installation, you can easily insert up to 4 SATA drives<sup>1</sup> without any tools or attaching any cables. Plus, the DNS-343 is a scalable solution, allowing you to start off with one SATA hard disk drive (HDD) and add up to 3 more as you grow.

### PROTECTION, PERFORMANCE AND FLEXIBILITY

By supporting RAID 0, 1, 5, and JBOD, the DNS-343 gives you a variety of data protection options to help avoid data loss due to hard drive failure. RAID 0 combines all drives in a 'striped' configuration, splitting data evenly across the hard drives to provide the highest performance. RAID 1 causes two drives to mirror each other, providing maximum protection. If there are four drives present, you can set up two separate RAID 1 partitions. If one drive fails, the unaffected drive in the partition will continue to operate normally. Once you replace the failed drive, RAID 1 mirroring will resume and both drives will mirror each other again. Advanced RAID 5 offers the highest performance with the most reliable data recovery in the case of a drive failure. RAID 5 technology uses a clever algorithm to distribute your data over 4 SATA hard disk drives and, in the case of a hard drive failure, the DNS-343 will continue to function with your data intact.

### SIMPLIFIED MANAGEMENT

With the included Měmeo™ software, you can create schedules and rules including real-time full or incremental backups and storage quotas for specific users and groups. Using Měmeo backup software, you can automatically back up your data onto the DNS-343, creating a failsafe protection solution from accidental data loss on your PC. The 4-Bay Network Storage Enclosure features an OLED to display important information including IP address, hard drive statistics, temperature, RAID status, and server status (FTP and UPnP™).

### USB PORT FUNCTIONALITY

The USB port can act as a print server port, allowing a USB printer to be added to your network without the need for a dedicated computer. The USB port can also support a Universal Power Supply (UPS) monitor that supports 'smart' signaling over a USB connection. If a power outage were to occur, the compatible UPS monitor would allow the UPS unit to safely shut down the DNS-343. When power is restored, the UPS monitor would then automatically power up the DNS-343.

For flexible usage, the DNS-343 includes features such as a built-in FTP server<sup>2</sup> to access files over the Internet and a UPnP™ Media server to stream digital content to compatible media players. With RAID 5 technology, an OLED that displays vital storage information, a management program that allows you to easily set rules and schedules, and a variety of built-in servers, the 4-Bay Network Storage Enclosure (DNS-343) is a secure expandable and reliable storage solution for the home and business.



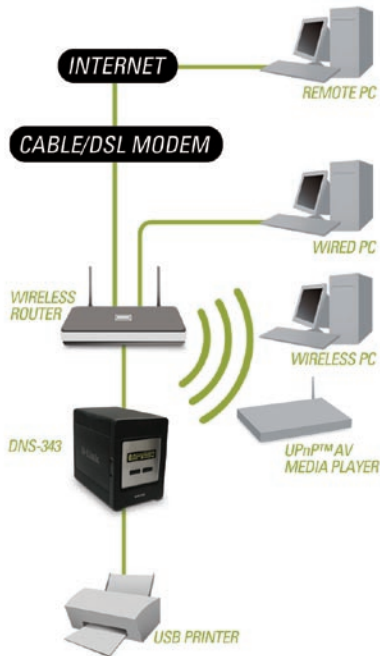
### WHAT THIS PRODUCT DOES

The 4-Bay Network Storage Enclosure (DNS-343) enables you to store and access your documents, music, photos, and videos across the network and on the Internet so family members, friends, or employees can access them. You can use this device to stream music, photos, and videos to UPnP™ AV compatible network media players.

### SECURE BACKUP

The DNS-343 features RAID 5 technology, allowing you to securely store data across 4 hard disk drives. If one drive fails, the DNS-343 will continue to function with your data intact.

### YOUR NETWORK SETUP



### TECHNICAL SPECIFICATIONS

#### STANDARDS

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

#### SUPPORTED HARD DRIVE TYPE

- + SATA<sup>1</sup> – Any Capacity
- + 3.5" Internal

#### PORTS

- + 1 Gigabit Ethernet Port with Jumbo Frame Support
- + 1 USB Print Server/UPS Monitoring Port

#### DRIVE MANAGEMENT

- + 5 Different Hard Drive Configurations
- + Scandisk
- + E-Mail Alerts
- + Drive Quotas
- + Power Management

#### DEVICE MANAGEMENT

- + Internet Explorer® v6 or other Java-enabled Browser

#### LEDS

- + Power
- + HDD 1
- + HDD 3
- + LAN
- + HDD 2
- + HDD 4

#### OLED DISPLAY SCREEN

- + Device Name
- + IP Address
- + Firmware Version
- + Temperature
- + FTP Server Status (Started/Stopped)
- + UPnP™ Status (on/off)
- + Formatting Percentage
- + Hard Drive Space
- + RAID Status

#### CERTIFICATIONS

FCC Class B, CE, VCCI, CSA

#### POWER SUPPLY

19V DC

#### OPERATING TEMPERATURE

32°F to 104°F (0°C to 40°C)

#### OPERATING HUMIDITY

90% Maximum (Non-condensing)

#### DIMENSIONS (WXDXH)

- + Item: 5.1" x 7.9" x 7.2"
- + Packaging: 12.4" x 10.5" x 11.2"

#### WARRANTY

1-Year Limited<sup>2</sup>

<sup>1</sup> Hard drive(s) not included. An internal SATA drive is required to store or share your files. RAID 5 requires the use of four (4) internal SATA drives. RAID 1 mirroring requires the use of two (2) internal SATA drives. To avoid data incompatibility in RAID 1 and RAID 5 operation, use SATA drives from the same manufacturer. Formatted drive capacity for RAID 1 and RAID 5 operation is dependant on the drive capacity of the lowest-sized drive. May not work with older generation SATA drives.

<sup>2</sup> Note that 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>3</sup> 1-Year Limited Warranty available only in the USA and Canada.

<sup>4</sup> Latest software and documentation are 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

- + Devices Supporting 802.3 Ethernet, 802.3u Fast Ethernet, or 802.3ab Gigabit Ethernet
- + Network Interface Card for Each Computer
- + CD-ROM Drive to View Product Documentation

#### PACKAGE CONTENTS

- + 4-Bay Network Storage Enclosure
- + Power Adapter
- + Rubber Feet
- + CD-ROM<sup>4</sup> with
  - Installation Wizard
  - Product Documentation

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