



BACK UP AND SHARE DIGITAL FILES

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



## 4-BAY NETWORK STORAGE ENCLOSURE

### ADD SATA DRIVES WITH EASE

Insert up to four internal 3.5-inch SATA hard drives without the need for additional tools or cables

### BACK UP AND PROTECT FILES

Protect important files by making backups through selectable RAID 1 or RAID 5 technology

### MULTI-FUNCTIONAL USB 2.0 PORT

Connects to printer for print sharing or UPS for monitoring

### SECURE DIGITAL FILE SHARING FEATURE

The D-Link DNS-343 4-Bay Network Storage Enclosure enables you to add disk storage on the network to share documents, files, and digital media such as music, videos and photos. With 4 bays, this storage enclosure is ideal for server deployment in office settings, allowing businesses to flexibly add up to four internal SATA drives on a per-need basis to fulfill storage requirements as they grow. Remote access to files from the Internet is also possible with the built-in FTP server. With this FTP feature<sup>1</sup>, company employees can access work files via the Internet while outside the office. In addition, data will be kept safe, whether accessed locally or over the Internet, through owner-defined rights given to specific users or groups. When you configure the DNS-343, you can set up access privileges by setting up users, groups and folders and their respective permissions. This security feature is ideal for an office environment with employee-specific sensitive data.

### STREAM DIGITAL MEDIA CONTENT WITH BUILT IN MEDIA SERVER

Easily back up your digital media files to the DNS-343 for safekeeping. After securing your files, enjoy the benefits of its built-in UPnP AV media server as you stream digital content to compatible media players (such as Sony PlayStation 3, Microsoft Xbox 360, and D-Link's MediaLounge media players). An extra functionality offered by the DNS-343 is the built-in OLED screen, which updates you on drive quotes, server status, and other integral system information in real time.

### PROTECTION, PERFORMANCE AND RELIABILITY

The availability of five different hard drive modes (Standard, JBOD, RAID 0, RAID 1, RAID 5) allows you to choose the configuration best suited to your needs. Standard mode creates four separately accessible hard drives. JBOD combines the drives together in linear fashion for maximum space efficiency. RAID 0 combines the drives in a 'striped' configuration, and is the choice offering 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 to function as a single drive until the failed drive is replaced. The new drive will then be remirrored, allowing the DNS-343 to return to its previously secured state. RAID 5 allocates data across three or more drives and combines storage efficiency with reliable file protection.

STORAGE

DNS-343

#### WHAT THIS PRODUCT DOES

The D-Link DNS-343 4-Bay Network Storage Enclosure, with its internal SATA drives<sup>2</sup>, enables you to share your documents, music, photos and videos across the network and on the internet where they'll be accessible to employees and office users. This enclosure allows you to create a central network point for backing up valuable files and protects these files from drive failure using selectable RAID 1/RAID 5 technology. You can also use this device to stream digital media to UPnP AV compatible network media players. Overheating can be kept to a minimum with its aluminum chassis and built-in Smart Fans.

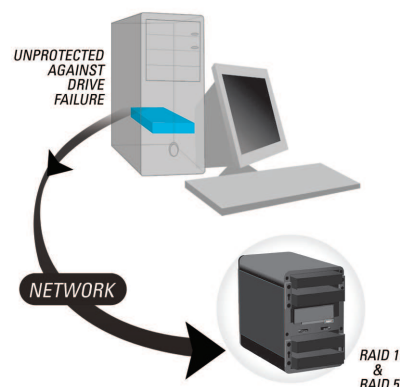
#### ROBUST SOFTWARE INCLUDED

The included CD contains D-Link's Easy Search Utility. This utility allows you to easily locate the DNS-343 anywhere on the network. Once it is located, use the utility to map the hard drive(s) so they will appear in My Computer on your PC. Backup software is also included on the CD. This will allow the back up of valuable files from a computer to the DNS-343 manually, per a schedule or in real-time. Real-time backups are a great way to safeguard against unfortunate accidents that may result in the loss of precious files.

#### PREVENT HARD DRIVE FAILURE WITH RAID 1/RAID 5 TECHNOLOGY

Backing data up to a regular hard drive offers a basic level of protection, but there is always the chance of a hard drive failure. Using the DNS-343 with its four internal SATA drives and selectable RAID 1/RAID 5 backup modes, you can choose to mirror between the two drives (i.e. duplicate data on both drives) or spread your data among three or more drives for maximum protection of valuable data. If one drive fails, the others continue to function as a single unit until the failed drive is replaced.

<sup>1</sup> D-Link does not guarantee file access security when FTP is used on the Internet  
<sup>2</sup> SATA drives are not included with the DNS-343 and are to be purchased separately



### TECHNICAL SPECIFICATIONS

#### STANDARDS

- + IEEE 802.3
- + IEEE 802.3u
- + CIFS/SMB
- + DDNS
- + HTTP/HTTPS
- + USB 2.0
- + PnP-X
- + IEEE 802.3ab
- + TCP/IP
- + DHCP Server/Client
- + NTP
- + Jumbo Frame
- + LLTD
- + UPnP and UPnP AV
- + FTP over SSL/TLS

#### SUPPORTED HARD DRIVE

- + Hard drive type: SATA I/II 3.5-inch internal
- + Hard drive capacity: up to 1TB or larger, pending availability of future SATA HD technology support

#### PORT

- + 1 10/100/1000 Gigabit Ethernet Port
- + 1 USB 2.0 Port
- + Power

#### DISPLAY

- + 256 x 64 OLED Display Screen

#### DISK MANAGEMENT

- + Multiple Hard Drive Configurations: RAID 0, RAID 1, RAID 5, JBOD, Standard
- + Scandisk

#### USER MANAGEMENT

- + Windows Active Directory service support
- + User account management
- + Group account management
- + User/Group Quota management

#### DRIVE MANAGEMENT

- + Multiple Hard Drive Configurations: RAID 0, RAID 1, RAID 5, JBOD, Standard
- + Scandisk
- + User/Group Quota management

#### DEVICE MANAGEMENT

- + Internet Explorer v6 and later or other Java-enabled browser
- + Easy Search Utility
- + UPS Monitoring
- + E-Mail Alerts
- + Power Management
- + Auto Power Recovery

#### FILE SHARING

- + Max. User Account: 64 users / 4000 (ADS)
- + Max. Group: 10 groups / 1700 (ADS)
- + Max. Shared Folder: 45 folders
- + Max. Concurrent Connection: 64 (Samba) / 10 (FTP)

#### POWER SUPPLY

- + External Power Supply
- + DC 19V/7.89A Switching

#### POWER CONSUMPTION

- + Normal mode: 37.314W
- + Sleep mode: 13.298W

#### TEMPERATURE

- + Operating: 0° to 55° C (32° to 131° F)
- + Storage: -20° to 70° C (-4° to 158° F)

#### OPERATING HUMIDITY

- + 5% ~ 90% (Non-condensing)

#### DIMENSIONS

- + Item (W x D x H): 128 x 200 x 178 mm (5" x 7.9" x 7")
- + Packaging (W x D x H): 270 x 320 x 260 mm (10.6" x 12.6" x 0.2")

#### WEIGHT

- + Item: 2.7kg (6.0 lbs)
- + Packaging: 4.5kg (10.0 lbs)

#### MULTILINGUAL SUPPORT

Samba: Unicode  
 FTP Client: Unicode, Croatian, Cyrillic (Kyrgyz Republic), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Simplified Chinese, Slovenian, Spanish, Swedish, Traditional Chinese, Turkish

