USER MANUAL

DNS-313

VERSION 1.0

D-Link®

STORAGE

Table of Contents

Product Overview

Package Contents

- **D-Link DNS-313 Network Enclosure**
- **CD-ROM with Manual and Software**
- **Quick Installation Guide**
- **Power Adapter (12V/ 3A)**
- **Power cord**
- **Vertical stands**
- **USB 2.0 Cable**
- **Cat 5 Ethernet Cable**

Note: Using a power supply with a different voltage than the one included with the DNS-313 will cause damage and void the warranty for this product.

If any of the items listed above are missing, please contact your reseller.

System Requirements

For best results, the following System Requirements are recommended:

Computer with: 1Ghz processor / 512 MB RAM / 200 MB available space / CD-ROM drive

Internet Explorer version 6.0 or Mozilla Firefox 1.0 and above

3.5" SATA Hard Drive

Windows XP SP2, Windows 2000 SP6 or Windows Vista

Introduction

The D-Link DNS-313 1-Bay Network Storage Enclosure enables you to share your documents, photos, music and videos across the network and on the Internet (via FTP server) so that family members, friends or employees can access them at anytime. This enclosure, which can hold one 3.5" SATA hard drive of any capacity[1], creates a central network point for backing up valuable files.

The DNS-313 shares files over the Internet via the built-in FTP server[2]. Users and groups can be created and assigned to folders with either read or read/write permissions. In addition, the DNS-313 can be used to stream photos, music, and videos to UPnP AV compatible network media players[3].

The included CD contains D-Link's Easy Search Utility. This utility allows you to locate the DNS-313 on the network and map drives to your computer. Backup software is also included on the CD. This software allows you to backup your files from a computer to the DNS-313 manually, by 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 important files.

Combining ease of use with practical, high performance features, the DNS-313 is an organized solution for any network. Free up disk space on computers and centralize data on your network with the DNS-313 1-Bay Network Storage Enclosure!

1   Hard Drive not included. Supports up to 1000GB SATA Hard drive as at time of print.
2   Note that use of an FTP Server to access files over the Internet does not provide for secure or encrypted transmissions.
3   D-Link cannot guarantee full compatibility or proper playback with all codecs. Playback capability depends on the codec support of the UPnP™ AV media player.

Features

The DNS-313 is designed for easy installation and allows remote access to important data via the LAN or WAN:

- One Hard Drive Bay for 3.5" SATA Hard Drives of Any Capacity[1]
- Simplified Hard Drive Installation Process – No Tools Required
- High Performance Gigabit Ethernet Connectivity
- Built-in FTP Server for File Access from Over the Internet[2]
- Scheduled Downloads from Web or FTP Sites
- Full or Incremental Backups
- Real Time Backups With the Included Backup Software
- Users and Groups Can Be Assigned to Folders with Read or Read/Write Permissions with Automatic E-Mail Notifications
- Power Management for Conserving Energy and Extending Hard Drive Life
- UPnP AV Server for Streaming Music, Photos, and Video to Compatible Media Players[3]
- iTunes® Software will be able to automatically find and play music directly from the DNS-313
- Can be used as a USB 2.0 portable drive[4]
- D-Link Easy Search Utility
- D-Link Click'n Connect Utility
- Configurable by Web Browser

1   Hard Drive not included. Supports up to 1000GB SATA Hard drive as at time of print.

2   Note that use of an FTP Server to access files over the Internet does not provide for secure or encrypted transmissions.

3   D-Link cannot guarantee full compatibility or proper playback with all codecs. Playback capability depends on the codec support of the UPnP™ AV media player.

4   When using the DNS-313 as a USB 2.0 port portable drive, the Network Storage functionality will be disabled. To re-enable Network Storage functionality, please power off the DNS-313 and unplug USB cable. Then, plug in the Ethernet Cable and power back on the DNS-313.

Hardware Overview
Front View
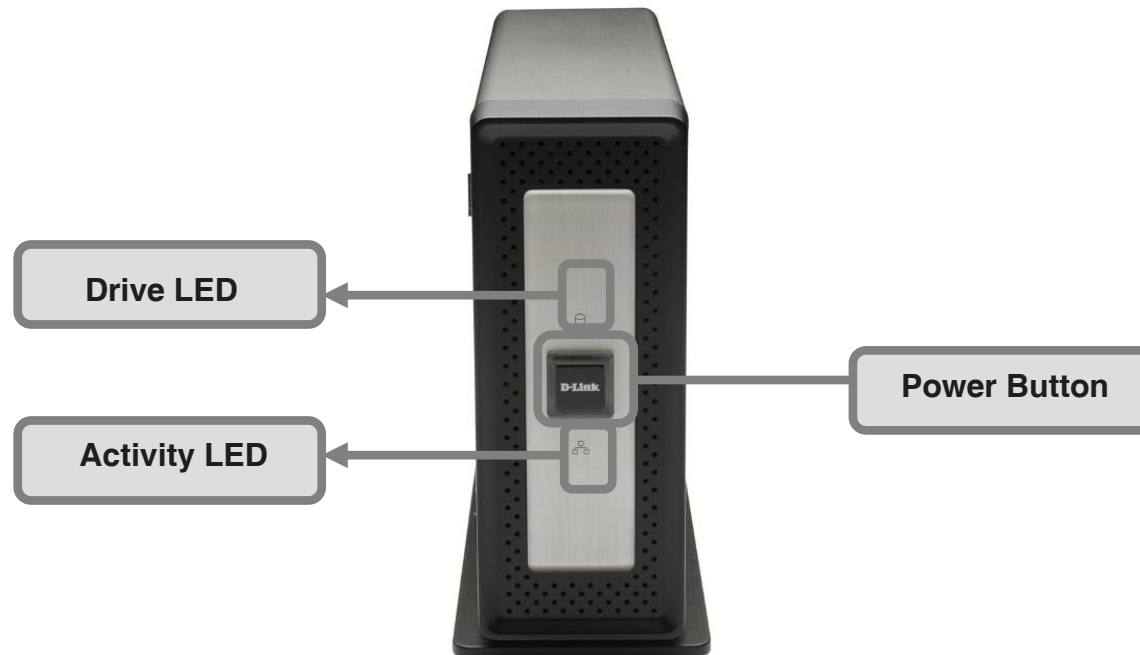
Power Button:
Press once to power on the DNS-313.   Press again to power off the DNS-313.

Drive LED:
The LED will be solid BLUE when drive is connected but inactive.   The LED will blink when the drive is being accessed, formatted or synchronized. The LED will be solid GREEN when the remaining capacity of the drive is less than 5%. It will illuminate RED if the drive has failed.

Activity LED:
The Activity LED will be solid BLUE when there is an Ethernet connection.   It will blink to indicate LAN traffic.

Rear Panel (Connections)
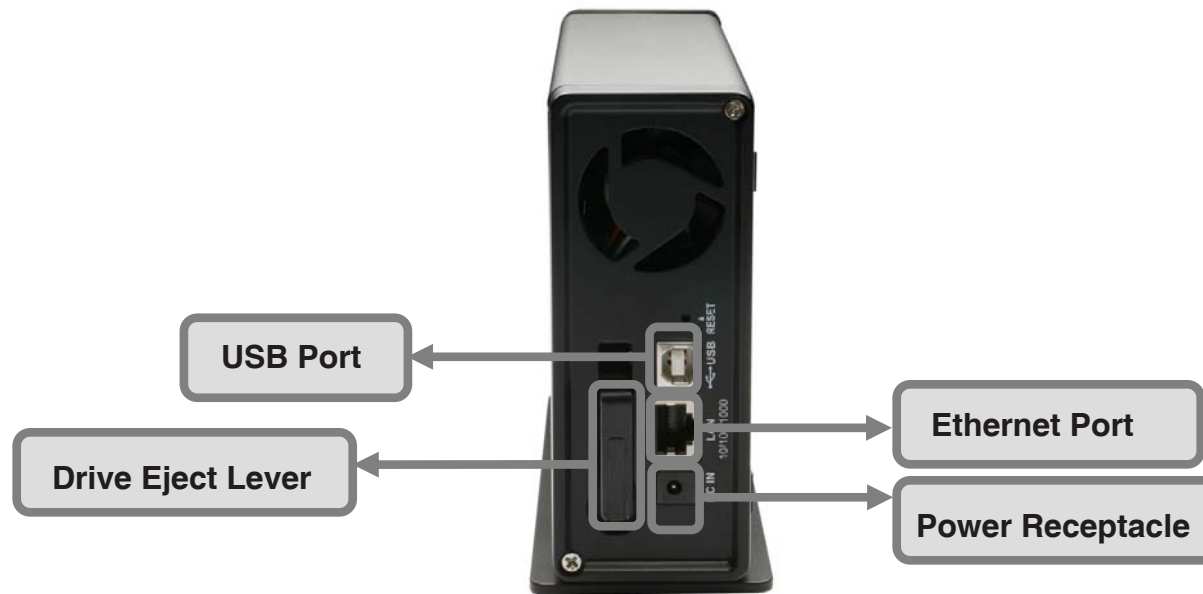
Power Receptacle:
The 12V/ 3A power supply connects here.

Ethernet Port:
A Gigabit Ethernet port that connects the DNS-313 to the local network.

USB Port:
USB port for connecting to a desktop or notebook as a USB2.0 portable drive.

Drive Eject Lever:
Use the provided lever to eject the hard drive.   The front panel must be removed before ejecting the drive.

Installation

Hardware Setup

This section provides unpacking and installation information for the DNS-313.   Open the shipping carton for the DNS-313 and carefully unpack its contents. To install the DNS-313 on your local network, refer to the steps below:

1. Access the drive bays by sliding the faceplate up until it unlatches from the device.

2. Once the faceplate is unlatched, pull it off the device, exposing the drive bays.

3. Insert a 3.5" SATA hard drive into the drive bay.   Make sure to align the drive connectors to the endpoints in the DNS-313.   Gently push the drive in until it connects.

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4. Attach the faceplate to the front of the device.

5. Connect an Ethernet cable into the available Ethernet port. This cable should connect the DNS-313 to your local network or directly to a computer for configuration.

Note: Should you need to install a new Hard Disk into the DNS-313, you will be required to insert the Ethernet cable between your DNS-313 and router and run the original DCC installation wizard included in the CD **Please do not connect the USB cable during this step.**

6. Finally, connect the power adapter to the power receptacle.

Configuration

Getting Started

Note: Please insert an Ethernet cable from your router to the DNS-313 and run the installation wizard included in the CD whenever you install a new Hard Drive to the DNS-313. When first powered on, during the initial boot sequence, the DNS-313 will wait to be assigned an IP address via DHCP. If it does not receive a DHCP assigned IP address, by default it will have a self-assigned IP address of 192.168.0.32.
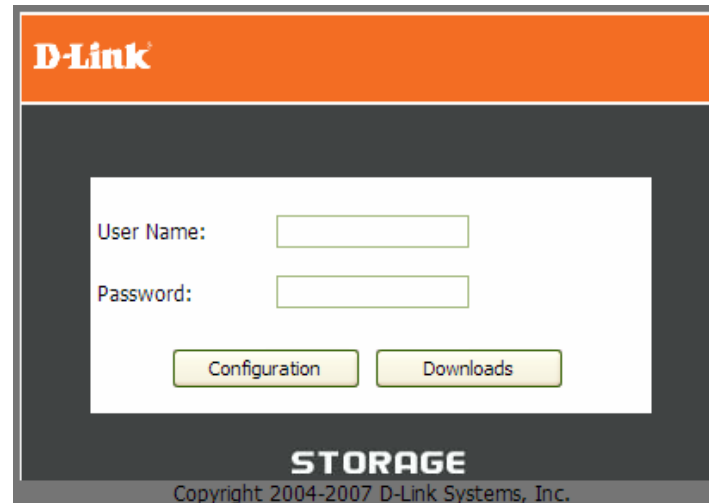
Logging in the Web GUI

The Web UI allows you to configure the DNS-313 with more advanced functions.   You may access the Web UI by many ways:
1. Connect from installation Wizard.
2. Connect from the Easy Search Utility.
3. Open the web browser and type the IP address.

Once you connect to the Web UI, the Login screen will appear:

Type admin for the username and leave the password field blank.

Click 'Configuration'

Note: After logging in to the DNS-313 for the first time it is recommended to add a password to the admin account.

After logging in, you will be redirected to the DNS-313 web UI:
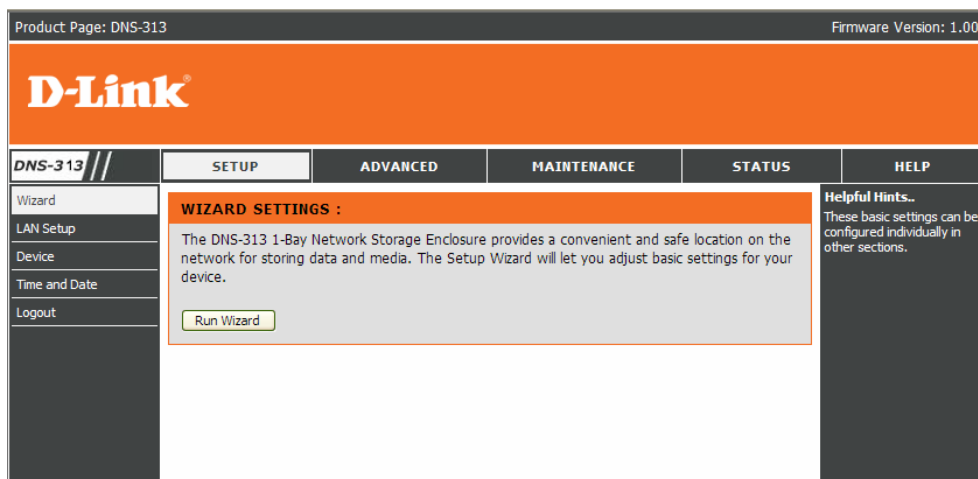
Web UI

The DNS-313 web UI defaults to the Setup page.   The main categories for configuration are located in the menu tabs at the top of the page.   These categories include:

Setup - Contains the DNS-313 setup wizard, as well as the LAN configuration settings, Device settings and Time and Date settings.

Advanced - Allows the DNS-313 administrator to configure users, groups of users and Network Access settings. The UPnP AV server, iTunes server, FTP server and DHCP server settings are all contained here as well.

Maintenance - Contains configuration options for the Admin account, the system settings, the Dynamic DNS settings and e-mail alerts. Power management options and Firmware upgrade are also available from the Maintenance page.

Status - Contains a summary of DNS-313 connectivity information.

Help - Contains the DNS-313 help files.

Logout - Clicking this button will log the admin out and end the DNS-313 configuration session.
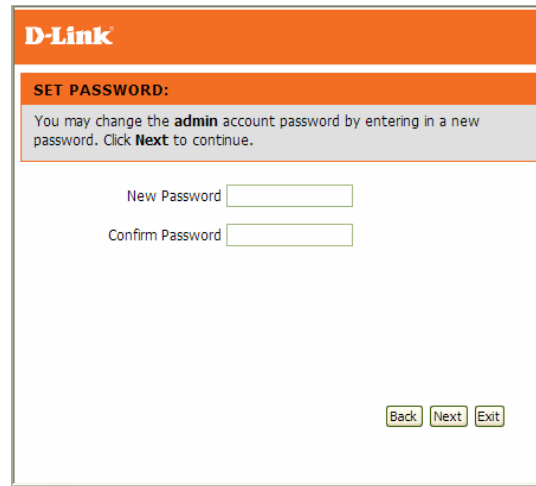
These pages and their configuration options will be discussed in detail in the following pages of this manual.

Setup

Wizard

The DNS-313 has a setup Wizard that allows you to quickly configure some of the basic device settings.
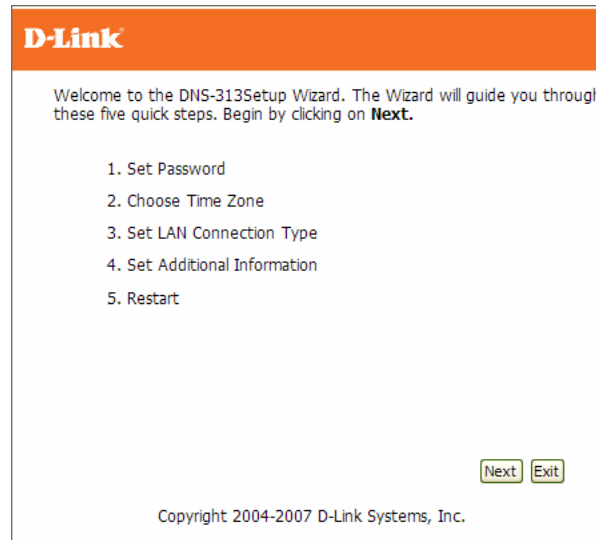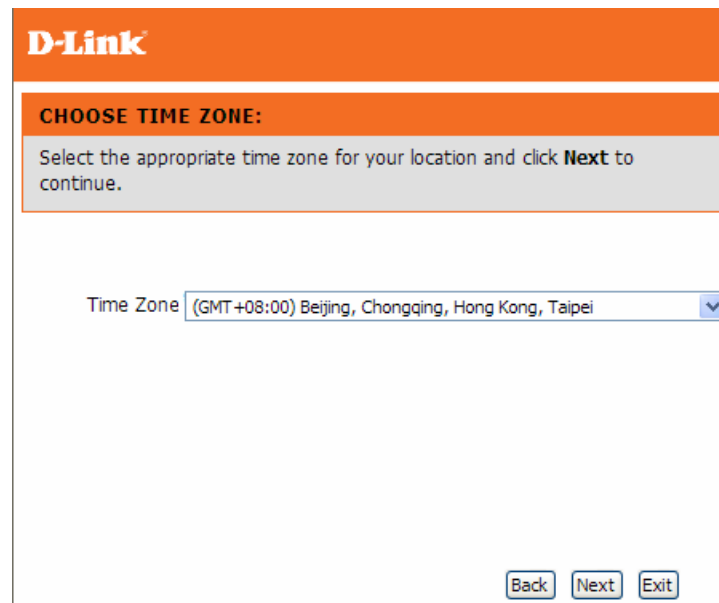
When running the DNS-313 setup wizard, the welcome screen details the five steps of the wizard. Click 'Next' to continue.

It is recommended you set an admin password here.   Enter the new password and re-enter it for confirmation. Click 'Next' to continue.

Set the appropriate Time Zone and click 'Next' to continue.

Edit or change the DNS-313 LAN information, or to keep the current settings, click 'Next' to continue.

Enter a workgroup, name, and description for the DNS-313, or leave the default values and click 'Next' to continue.
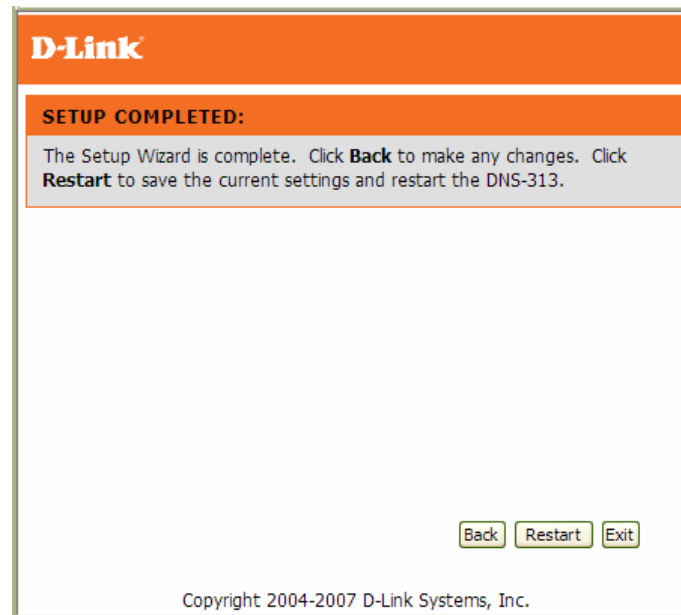
When the wizard completes, click 'Back' to go back and make changes or click 'Restart' to restart the DNS-313 and save the configuration.
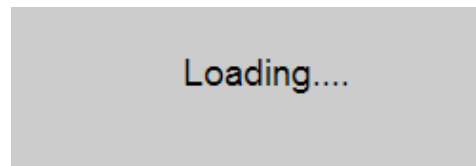
While the DNS-313 is restarting, a Loading message will appear.
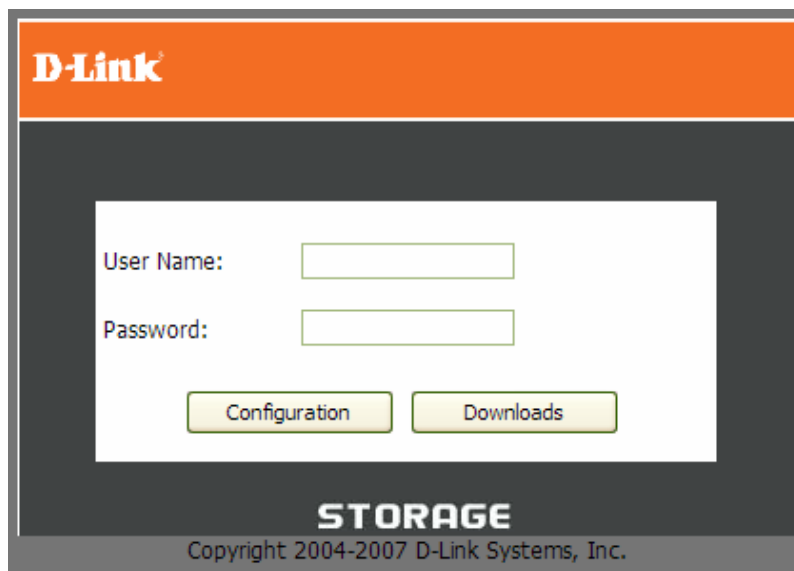
When the login prompt appears, login using the new administrator password.

LAN Setup

The Local Area Network settings for the DNS-313 are configured on the LAN page.

DHCP Client
Selecting DHCP Client will cause the DNS-313 to obtain an IP address from the local DHCP server.

Static IP
Selecting Static IP requires the user to assign the IP information for the DNS-313 manually.

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Device Settings

The device settings page allows you to assign a workgroup, name and description to the DNS-313.

Workgroup
Assigns a workgroup name to the DNS-313.

Name
Assigns a name to the DNS-313. The name can be used to access the device from a web browser instead of the IP address, for example, http://DNS-313.

Description
Assigns a unique device description to the DNS-313.

Time and Date

The DNS-313's Time and Date menu contains several different options for setting the device's internal clock. It is important that the accurate time is set so that scheduled backups and downloads will be accurate.

Time Zone Settings
This option allows you to set appropriate Time Zone.

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Click 'Set Time' to sync with the local computer.

From My Computer
This option will synchronize the DNS-313 clock with the computer being used to configure it.

Click 'Set Time' to sync with the local computer.

NTP Server
Network Time Protocol (NTP) synchronizes the DNS-313 with an Internet time server.

Enter the IP Address or domain name of the time server you want to sync the DNS-313 with and click 'Set Time'.

Set Date and Time Manually
This option allows you to set the time and date manually.

Enter the appropriate time and date and click 'Set Time'.

Advanced

Users/Groups

The DNS-313 supports up to 64 unique users and 10 unique groups.   The users can be specified by groups, or created individually for ease of management, and to aid in organization when setting up access rules and quotas. The users are created to allow access to specific folders on the DNS-313, via FTP or the local network.

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User and Group Creation

This section contains required attributes for a new user, including user name and password or create a new Group by assigning a unique group name.

User Name

Set a unique name for the user.

Password

Set a unique password for the user.

Confirm Password

Confirm the assigned password for the user.

Group settings

Select a previously created Group for the user to join.

User List

Users and their groups are displayed in this list.

Groups List

All created groups are displayed here.

Network Access

The Network Access settings allow you to assign users and groups to specific folders or volumes.   By default, all users are allowed Read/Write access to all volumes. Before specific user or group rules can be created, the default rules must be deleted.

Network Access Settings
Assign permissions for users and groups on the local network here.

Category
Determines whether the access rule will apply to a group or individual user.

Group / User
Select the group or user the access rule will apply to.

Folder
Browse to and select the folder or directory you are controlling access to.

Permission
Set the user or group permission to Read Only or Read/Write.

Comment
Enter a comment for reference or description of the rule.

Network Access List
Lists all defined access rules.

FTP Server

The DNS-313 is equipped with a built in FTP Server. The server is easy to configure and allows users access to important data whether they are on the local network or at a remote location. The FTP server can be configured to allow user access to specific directories, and will allow up to 10 users to access the DNS-313 at a time.

FTP Server Settings
This section contains the configuration settings for the DNS-313 FTP Server. Click 'Save Settings' to save the settings.

FTP Server Status

The current settings and status of the DNS-313 FTP Server are displayed here.

FTP Server Settings

Category

Determines whether the FTP server rule will apply to a group or individual user.

User /Group
Select the user or group the FTP server rule will apply to.

Folder
Browse to and select the folder or directory you are granting FTP access to. Select root to grant access to all volumes.

Permission
Set the user or group permission to Read Only or Read/Write.

Max User
Sets the maximum amount of users that can connect to the FTP server.

Idle Time
Sets the amount of time a user can remain idle before being disconnected.

Port
Sets the FTP port. Default is 21.

Flow Control
Allows you to limit the amount of bandwidth available for each user.

FTP Access List
Lists all defined FTP Rules.

If you are behind a router, you will need to forward the FTP port from the router to the DNS-313.   Additional filtering and firewall settings may need to be modified on your router to allow FTP access to the DNS-313 from the Internet.   Once the port has been forwarded on the router, users from the Internet can access the FTP server through the WAN IP address of the router.

If you are using a D-Link router, such as the WBR-2310 used in the example below, your port forwarding rule should be similar to the following:

Name
Name the DNS-313 FTP server rule.

IP Address
Enter the IP address of the DNS-313.

Public Port
Enter the public FTP port. By default, the port is 21.

Private Port
Enter the private FTP port. By default, the port is 21.

Traffic Type
Set the traffic type to TCP.

If you use an FTP port other than 21, then users accessing the FTP server using an FTP client will have to specify the non-standard port, and users who are using a browser will have to specify the port in the URL (e.g. ftp://ftp.dns313.com:3000).

UPnP AV Server

The DNS-313 features a UPnP AV Server. This server provides the ability to stream photos, music and videos to UPnP AV compatible network media players. If the server is enabled, the DNS-313 will be automatically detected by UPnP AV compatible media players on your local network.

UPnP AV Server
Select Enable or Disable to enable or disable the DNS-313 UPnP AV server.

Folder
Specifies the folder or directory that will be shared by the UPnP AV server. Select root to share the entire volume, or click 'Browse' to select a specific folder
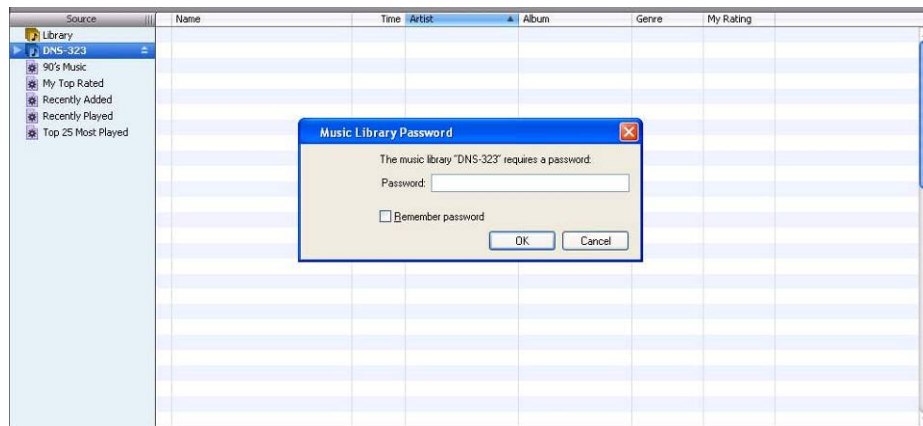
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Auto Refresh
Sets the duration of time to refresh the media files list of the UPnP AV Server.

Refresh
Click 'Refresh' after adding new files to be used by UPnP AV compatible devices.

iTunes Server

The DNS-313 features an iTunes Server. This server provides the ability to share music and videos to computers on the local network running iTunes. If the server is enabled, the DNS-313 will be automatically detected in the iTunes program and the music and videos contained in the specified directory will be available to stream over the network.

Product Page: DNS-313	Firmware Version: 1.00

D-Link

DNS-313	SETUP	ADVANCED	MAINTENANCE	STATUS	HELP

Users / Groups

Network Access

FTP Server

UPnP AV Server

iTunes Server

DHCP Server

Logout

iTunes SERVER SETTINGS :

Configure iTunes server settings for streaming music directly to iTunes software.

Save Settings   Don't Save Settings   Refresh

iTunes SERVER SETTINGS :

iTunes Server   ⦿ Enable ○ Disable

Folder   ☐ root

                                [   ] Browse

Password   [   ]

                                DNS-313_SHARE

Helpful Hints..
iTunes will automatically detect the DNS-313 on the network. It will be listed on the left side of the program, below Library.

iTunes Server
Select Enable or Disable to enable or disable the DNS-313 iTunes server.

Folder
Specifies the folder or directory that will be shared by the iTunes server. Select root to share the entire volume, or click

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'Browse' to select a specific folder.

Password
Sets password for the iTunes server.
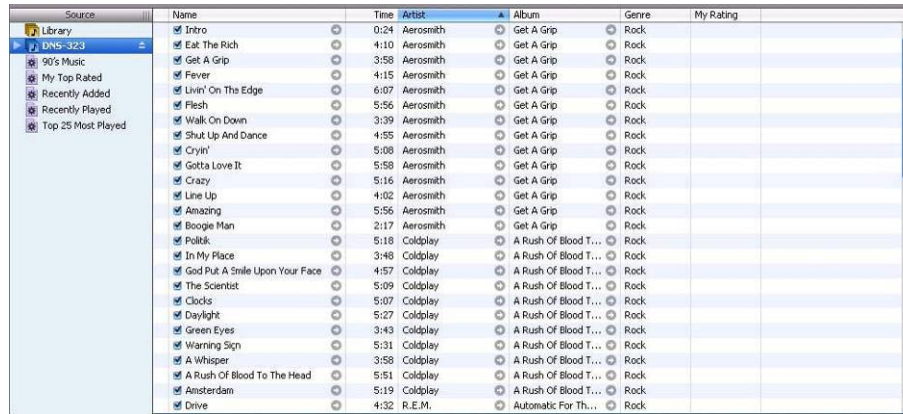
Refresh
Click 'Refresh' after adding new files to be used with iTunes.

After enabling the iTunes server on the DNS-313, launch iTunes. When iTunes detects the DNS-313, select it and you will be prompted to enter the iTunes server password.

Select the DNS-313.   When prompted, enter in the iTunes server password. Click OK.

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Media stored on the DNS-313 will then be available for use in iTunes.

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DHCP Server

The DNS-313 can also be used as a DHCP Server. As a DHCP server, it can be used to serve IP addresses to devices on your local network, however, this feature should not be enabled if you already have a DHCP server, such as a router on your local network.

DHCP Server
Enables or Disables the DNS-313 DHCP Server.

Starting IP Address
Enter the starting IP address for the range of addresses assigned by the DHCP server.

Ending IP Address
Enter the ending IP address for the range of addresses assigned by the DHCP server.

Lease Time
Sets the duration of time that an IP address will remain assigned to a device.

Maintenance

Admin Password

The Admin Password menu allows you to set a password for the admin account. It is recommended to set an admin account password when first configuring the DNS-313.

User Name
The administrator user name is admin, and this cannot be changed.

Password
Enter the current password.

New Password
Enter the new password.

Confirm Password
Enter the new password again for confirmation.

Click 'Save Settings' to save the new password.

System

The DNS-313 System menu provides options for system restarts, saving and loading configuration settings, and setting idle times.

Restart
Click 'Restart' to reboot the DNS-313.

Defaults
Click 'Restore' to reset the DNS-313 to its factory default settings.   This will erase all previous configuration changes.

Shutdown
Click 'Shutdown' to power off the DNS-313.

Configuration Settings
Click 'Save' to save the current DNS-313 configuration settings to a file on the local computer. If at a later time you need to reload this configuration after a system reset, browse to the file and click 'Load''.

Idle Time
Enter the time (in minutes) that the administrator will be allowed to remain idle while accessing the DNS-313 configuration settings or that users will be allowed to remain idle while accessing the download schedule settings.

Click 'Apply' to save the settings.

Firmware Upgrade

The DNS-313 Firmware Upgrade menu makes it simple to check for new firmware releases and upload them to the device.

Firmware Upgrade

This section provides a link to check for new firmware on the D-Link support website.
If a new firmware is available, download the file to your local computer.

Current Firmware Info

This section provides information about the current DNS-313 firmware.

When upgrading the firmware, click 'Browse' to select the new firmware file on your local computer.

Click 'Apply' to begin the firmware upgrade process.

E-Mail Alerts

With the DNS-313 E-Mail Alerts, you can configure e-mails to be sent alerting you to certain operational conditions and drive status conditions. These alerts can prove helpful with the management and safeguarding of important data.

E-Mail Alert Settings

This section contains the configuration settings for the outgoing e-mail account and the receiving e-mail account.

Once configured, use the 'Test E-Mail button' to send a test e-mail and confirm your settings are correct.
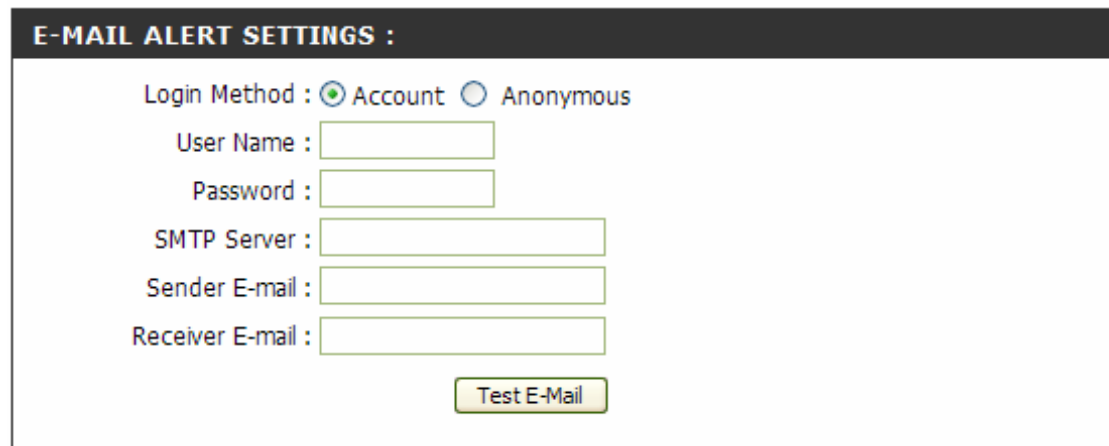
Alert Types

This section contains the alert options and their configuration settings.

E-Mail Alert Settings

Login Method

Select either Account or Anonymous. Choosing Anonymous does not require a User Name or Password.

User Name

Enter the appropriate user name for your e-mail account.

Password

Enter the appropriate password for your e-mail account.

SMTP Server

Enter the IP address or domain name of your outgoing mail server. If you are unsure of this value, contact your e-mail provider.

E-MAIL ALERT SETTINGS :

Login Method : ⚪ Account ⦿ Anonymous

SMTP Server : [　　　　　　　　　　]

Sender E-mail : [　　　　　　　　　　]

Receiver E-mail : [　　　　　　　　　　]

[Test E-Mail]

Sender E-Mail
Enter the "from" e-mail address (e.g. alerts@dns313.com). This field does not require a valid
e-mail address.   However, if your e-mail client is filtering spam, make sure you allow this address to be received.

Receiver E-Mail
Enter the e-mail address you want to send the alerts to. This address must correspond with the SMTP server configured above.

Test E-Mail
Click the 'Test E-Mail' button to send a test alert and confirm your settings are correct.

Alert Types

Space Status
Select an interval in hours and minutes to have a status of space remaining on the drives e-mailed.

Volume is Full
An alert will be sent when the hard drive is full.

Hard Drive Has Failed
An alert will be sent if a critical error occurs on the drive.

Administrator Password Change
An alert will be sent if the admin password is changed.

Firmware Upgraded
An alert will be sent if the firmware is upgraded.

System Temperature Exceeded
An alert will be sent if the DNS-313 device temperature exceeds the set threshold.

Power Management

The DNS-313 Power Management feature allows you to configure the drives to shut down while power remains constant to the device.   The drives will power up again when data is accessed.

Power Management
Enable or Disable Power Management on the DNS-313.

Turn off Hard Drive
Set the amount of time before idle drive will shut down.

Click 'Save Settings' to save the settings.

Dynamic DNS (DDNS)

The DDNS feature allows you to host a server (Web, FTP, Game Server, etc…) using a domain name that you have purchased (www.whateveryournameis.com) with your dynamically assigned IP address. Most broadband Internet Service Providers assign dynamic (changing) IP addresses. Using a DDNS service provider, your friends can enter in your domain name to connect to your server no matter what your IP address is.

Enable DDNS
Click to enable the DDNS function.

Server Address
Choose your DDNS provider from the drop down menu..

Host name
Enter the Host Name that you registered with your DDNS service provider.

Username or Key
Enter the Username for your DDNS account.

Password or Key
Enter the Password for your DDNS account.

Timeout
Enter a time (in hours). The time between periodic updates to the Dynamic DNS, if your dynamic IP address has not changed.

Status
Show the connection status of DDNS function

Status

Device Info

LAN Info
Displays the local network settings of the DNS-313.

Device Info
Displays the workgroup, name, description and system temperature of the DNS-313.

Hard Drive Info
Displays the hard drive information, including the total capacity, used and unused drive space.

Help

The DNS-313 Help page provides a menu of Help topics explaining the features of the device.

Easy Search Utility

The Easy Search Utility included in the CD provides many useful functions help you to discover the device, assign the IP address, mapping a drive, and connect to the device GUI.

To run the Easy Search Utility, insert the DNS-313 CD into your CD-ROM drive, and click Easy Search Utility.
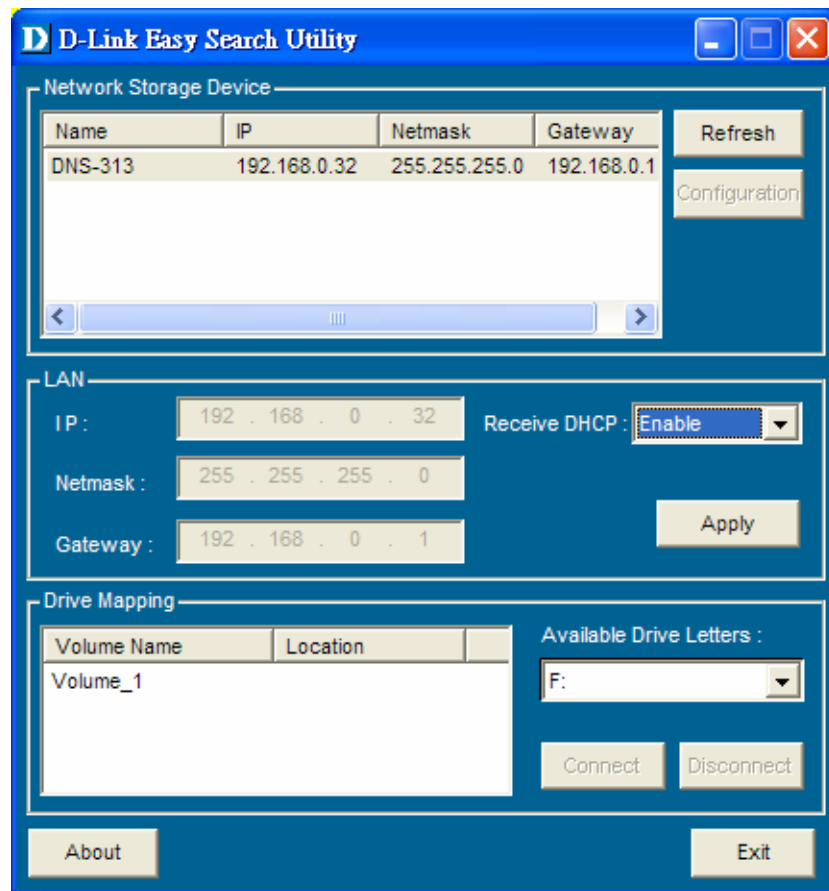
Network Storage Device
The Easy Search Utility displays any DNS-313 devices it detects on the network here.

Refresh
Refreshes the device list.

Configuration
Click 'Configuration' to access the Web UI of the DNS-313.

LAN
Configure the LAN Settings for the DNS-313 here.

Apply
Click 'Apply' to save changes to the LAN Settings.

Drive Mapping
Volumes available for mapping are displayed here.

Available Drive Letters
Choose an available drive letter. Click 'Connect' to map the selected volume. Click 'Disconnect' to disconnect the selected mapped volume.

Exit

Click 'Exit' to close the utility.

Mapping a Drive

You can use the D-Link Easy Search Utility to map drives to your computer. Insert the DNS-313 CD into your CD-ROM drive.

Click the 'Easy Search Utility'. The Easy Search Utility will load and detect any DNS-313 devices that are on the local network.

If the DNS-313 you are working with does not show up in the device list, click 'Refresh'.
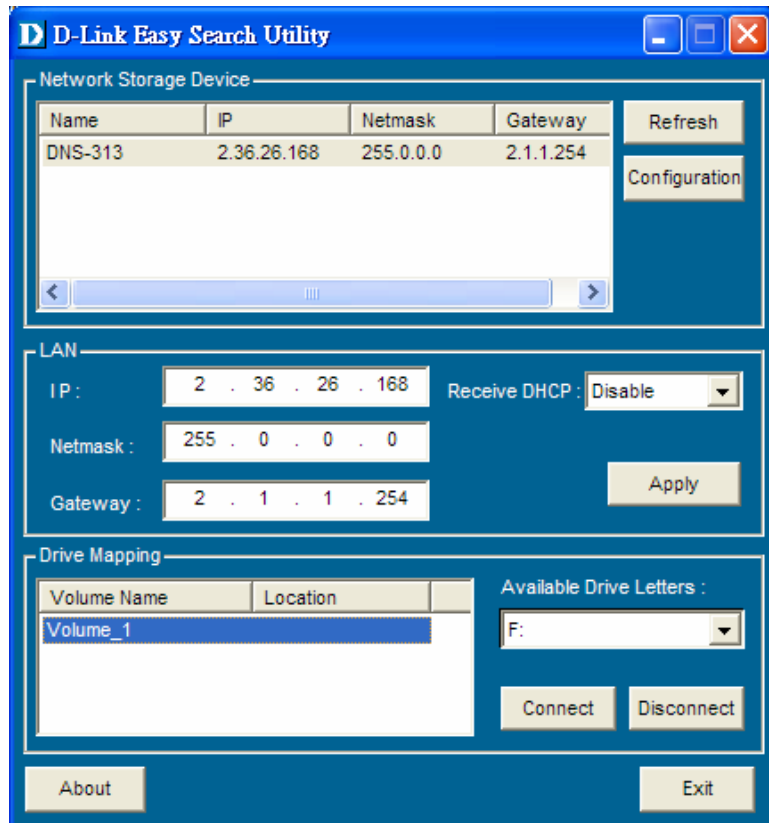
Highlight an available DNS-313.

Available volumes will be displayed under Drive Mapping. Highlight the volume you want to map.

Select an available drive letter from the drop-down menu and click 'Connect'.

Once connected, your mapped drive(s) will appear in My Computer.
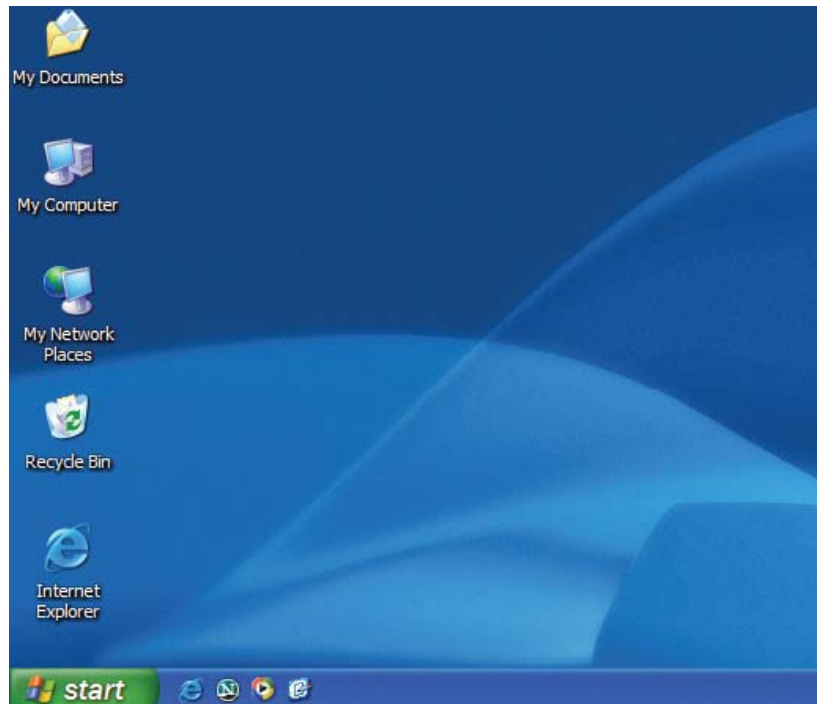
Double-click the My Computer icon on your desktop.
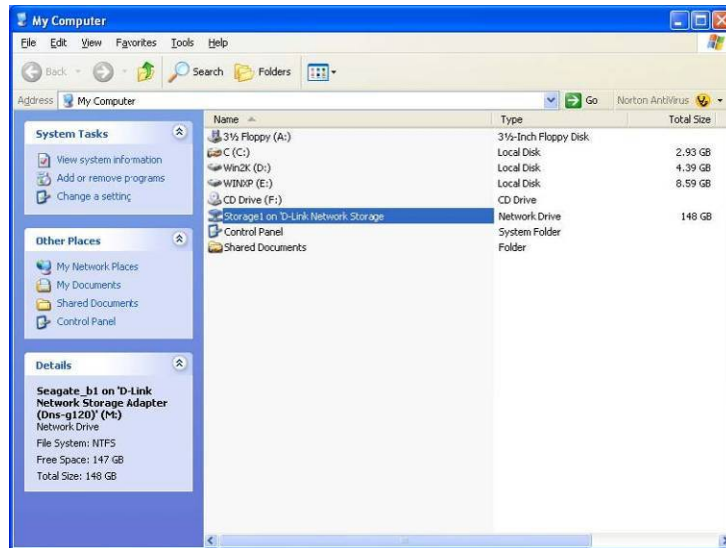
Double-click on the mapped drive to access the files and folders.

Downloads

The DNS-313 Schedule Download feature allows you to set up scheduled folder or file downloads and backup sessions.
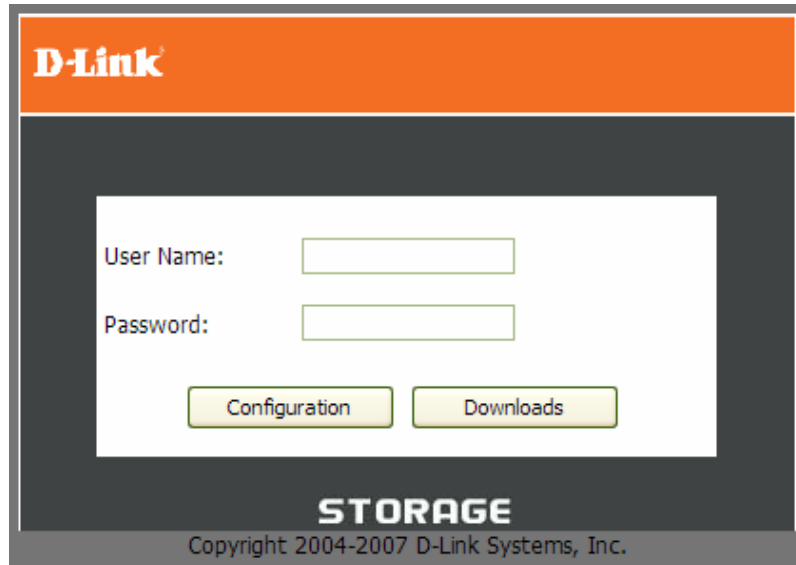
Begin by accessing the configuration of the DNS-313:

Click 'Easy Search Utility'.

Highlight an available DNS-313 and click 'Configuration' to access the web-based utility.
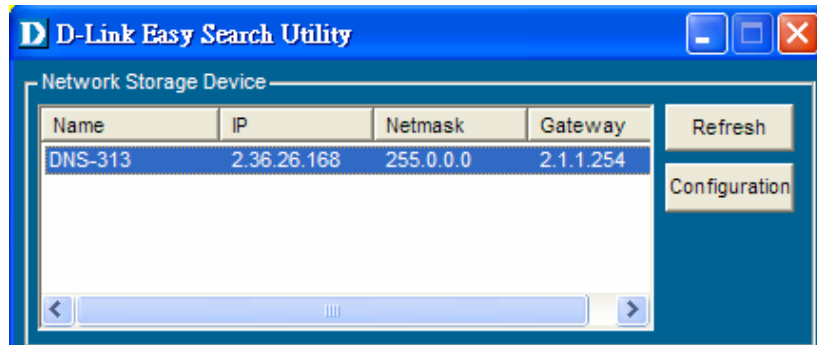
The DNS-313 login screen will appear:

Type admin for the username and leave the password field blank.

Click 'Downloads'.

The DNS-313 Schedule Downloads configuration will appear.

Scheduling

Scheduling Settings
Configure download and backup schedules here.

Schedule List
The Schedule List will display all completed, active, and pending scheduled downloads and backups.

Scheduling Settings

Login Method
Select the appropriate login method to access the files for download. If the site requires login credentials, select Account and enter a valid username and password.

Type
Select File or Folder, depending on what you want to download or backup.

URL
Enter the URL of the site or server you are initiating a transfer from.

E.g.   ftp://123.456.789/Test
          ftp://123.456.789/test.txt
          http://www.test.com/test.txt

Test

Click 'Test' to test the URL is valid and the user name and password are correct.

Local

Click 'Local' to set the source file or folder from one of the internal drive volumes. Browse to the file or folder, and click 'Ok' to accept the network path.

Save To

Enter a valid destination drive on the DNS-313, or click 'Browse' and browse to the destination.

When

Enter the date and time you want the scheduled backup or download to occur.

Recurring Backup

Specify the interval and time you want the backup or download to run unattended.

Incremental Backup

By default all local backups and file/folder downloads are in Overwrite mode, meaning that identical files in the destination folder will be overwritten by the source files. Checking Incremental Backup will have the DNS-313 compare identical file names at the source and destination. Files will only be overwritten if the source file is more recent.

Status

Schedule List

The Schedule List will display all completed, active, and pending scheduled downloads and backups.

Direct Attached Storage Function

Note: Before using the Direct Attached Storage function, make sure your DNS-313 has been configured. (Please refer to "Installation"). The DAS function will not work without the system being installed.

The DNS-313 features a built-in Direct Attached Storage function to allow the DNS-313 to function as a USB 2.0 Portable Drive. Just plug it into your computer and it installs automatically with Windows 2000, XP, or Vista computers.

Connect the power adapter to the power receptacle of the DNS-313, then, connect the USB cable into the USB port on the back of DNS-313.

Connect the other end of USB cable into the USB port on the desktop or notebook you are adding the DNS-313 to.

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Turn on the Power Button of the DNS-313, In Windows 2000, XP and Vista the DNS-313 will automatically install upon power-on.
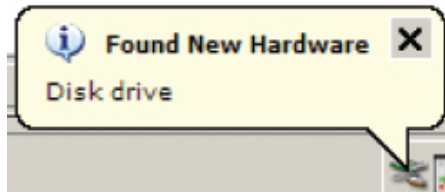
Open My Computer and the new drive will be present. By default it will use the first available drive letter.
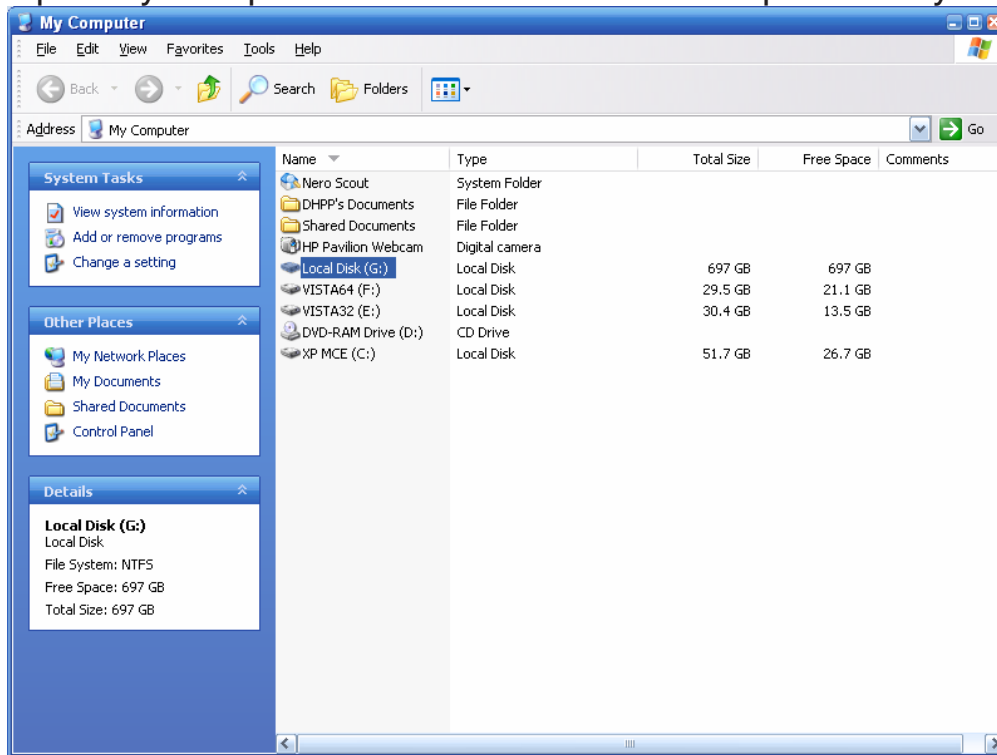
Note: When using the DNS-313 as a USB 2.0 port portable drive, the Network Storage functionality will be disabled. To re-enable Network Storage functionality, please power off the DNS-313 and unplug USB cable. Then, plug in the Ethernet Cable and power back on the DNS-313.

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FCC .Statement:

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 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.For detailed warranty information applicable to products purchased outside the United States, please contact the corresponding local D-Link office.

FCC .Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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.

IC .statement:

Operation is subject to the following two conditions:1) This device may not cause interference and2) This device must accept any interference, including interference that may cause undesired operation of the device.