USER MANUAL DSM-600

VERSION 1.0

D-Link





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Product Overview

Package Contents

- D-Link DSM-600 Network Storage Enclosure
- Power Adapter (12V DC, 3A)
- Cat5 Ethernet Cable
- Rubber Feet (4)
- CD-ROM with Software and Manual
- Quick Installation Guide
- Mounting Screw

Note: Using a power supply with a different voltage rating than the one included with the DSM-600 will cause damage and void the warranty for this product.



System Requirements

- Windows® XP/2000
- Internet Explorer Version 6.0 or Netscape Navigator Version 7.0 and Above
- An internal 3.5" PATA/IDE hard drive and/or USB Hard Drive
- An availiable Ethernet port on the network*

* It is required that an Ethernet cable is used during initial setup.

Introduction

The D-Link DSM-600 Network Storage Enclosure shares your documents, photos, music, and videos across the network and on the Internet (via FTP server) so family members, friends, or employees can access them. This enclosure, which can hold one 3.5" IDE hard drive of any capacity or can allow up to two USB 2.0 hard drives to attach*, creates a central network point for backing up valuable files.

The DSM-600 shares files over the Internet via the built-in FTP server. Users can be created and assigned to folders with either read or read/write permissions. In addition, the DSM-600 can be used to stream photos, music, and videos to UPnP AV compatible network media players.

The included CD contains D-Link's Easy Search Utility. This utility allows you to locate the DSM-600 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 DSM-600 manually or by a schedule. Regular 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 features, the DSM-600 is an organized solution for any network. Free up disk space on computers and centralize data on your network with the DSM-600 Network Storage Enclosure!

*Hard drives not included.

Features

- Connect an Internal IDE drive and/or USB 2.0 hard drives on the Network Add extra storage space to your network! Connect a 3.5" PATA/IDE hard drive and up to two stand-alone USB 1.1 or 2.0 hard drives or flash drives to the DSM-600 and easily have access to all stored files.
- Built-in FTP Server The DSM-600 can be configured so that your internal/USB drives are accessible over the Internet, making it convenient to access your files, even when you're away.
- Safely Add and Remove USB Drives The DSM-600 does not require you to reboot the system when adding USB drives to the network, thus eliminating downtime. You can safely remove the USB drives using the **Dismount** button on the back of the DSM-600.
- Plug & Play Through plug and play setup, installing the DSM-600 into your network has never been easier. Simply connect the DSM-600 to an Ethernet port on your network router or switch, insert an internal IDE drive, plug in USB hard drives or flash drives (optional), and configure additional setup options using the Web-based configuration utility.
- Web-based Configuration Utility Additional setup options can be configured using the built-in Web-based configuration utility including firmware upgrade, user creation, folder assignment, scheduled downloads, and DHCP/ static network settings.
- **Backup Function** You can schedule the DSM-600 to automatically create full or incremental backups of important information from the network.





Rear Panel



Hardware Installation Internal Hard Drive

WARNING: Disconnect the power cord before inserting or removing the internal hard disk drive.

A. Unscrew the two screws on the back panel of the DSM-600 to remove the cover.

B. Connect the IDE cable to the IDE cable connector on your hard drive.

Note: Make sure the jumper setting on your hard drive is set to *Master* or *Cable Select*.

C. Connect the power cable to the power connector on your hard drive.







D. While facing the back of the DSM-600, insert the right side of the hard drive into the case. Once in place, snap down the left side.

E. Use the mounting screw to secure the hard drive to the DSM-600.Replace the cover and screw the two screws on the back panel of the DSM-600.

F. Connect an Ethernet cable to the Ethernet jack located on the back of the DSM-600 for initial setup.

Note: It is required that an Ethernet cable is used during initial setup.







G. Connect the power adapter to the power receptor on the back panel. Then plug the other end of the power adapter into a wall outlet or power strip. After pressing the power button, the power LED will blink as the device is starting. The power LED will become solid when the DSM-600 is ready for use.



Note: When you first power on and access the web-based configuration, the DSM-600 will offer to format your hard drive if it is unformatted. This process may take several minutes depending on the size of your hard drive. During this process, the power LED will blink. Do not power the unit off during this process. Once the power LED is solid, you may then access the web- based configuration of the DSM-600.

Mapping a Drive

You can use the D-Link Easy Search Utility to map drives to your computer.

Insert the DSM-600 CD into your CD-ROM drive.



	D D-Link Easy Search Utility	
Highlight an available DSM-600	Name IP Netmask Gateway dlink-22222 192.168.1.121 255.255.255.0 192.168.1.11	Refresh Configuration
	LAN I P : 192 . 168 . 1 . 121 Receive DHCP : En Netmask : 255 . 255 . 0 Gateway : 192 . 168 . 1 . 10	able 💌
Available shares will be displayed under Drive Mapping . Highlight the share you want to map.	Drive Mapping Volume Name Location Available Drive HDD_a Connect	/e Letters :
Select an available drive letter from the drop-down menu and click Connect .	About	ixit and
Click Disconnect to remove the selected mapped drive.		

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

As an alternate method, you can access the DSM-600's internal/USB drive(s) by mapping the shared folders as drives in Windows. Please see the following instructions for mapping a drive so that it is accessible from the My Computer screen.

		Open
Right-click Start and click Explore		Explore
		Browse with ACDSee
		Search
	ो स्रि ५रवा	Open All Users Explore All Users 9 💷 🤕 💷 🤠 🖆
	🛚 Start Menu	
	File Edit View Favorites	Tools Help
Click Tools and click Map Network Drive	i – Back 🔻 🖃 🔍	Map Network Drive
	kddress 🧰 Start Menu	 Disconnect Network Drive Synchronize
	Folders	Folder Options
	Map Network Drive	X
Select an available drive letter and click Browse to locate your shared DSM-600 folder. You will find the DSM-600 shared folder under the Workgroup	Windows can help you of and assign a drive letter access the folder using Specify the drive letter that you want to conner Drive: L: Folder: \VDSM-600\Share Example: \\sec Reconner	connect to a shared network folder r to the connection so that you can My Computer. for the connection and the folder ct to: d folder. et at logon
Name that you entered into the Setup Wizard or in the Home >	Connect using	a <u>different user name</u> .
LAN screen of the Configuration Utility.	Create a shor	tcut to a <u>Web folder or FTP site</u> .
Click Finish	< Beck	Finish Cancel

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Once connected, all mapped drives will appear in My Computer.

Double-click the **My Computer** icon on your desktop





Using the Configuration Utility

Insert the DSM-600 CD into your CD-ROM drive.





Once you have logged in, the **Home** screen will appear.

Wizard

The Home > Wizard screen will appear. Click **Run Wizard** and the **Setup Wizard** will guide you through the basic configuration. For a tour of the **Wizard**, please see the following pages in this section.



Using the Setup Wizard

The Wizard will guide you through five steps:

	🖄 http://192.168.1.121 - DSM-600 - Microsoft Internet Explorer 📃 🗖 🔀
Password	D-Link DSM-600 Setup Wizard
• Time Zone	Welcome to the DSM-600 Setup Wizard. The Wizard will guide you through these five quick steps. Begin by clicking on Next.
 LAN Connection Settings 	1. Set Password
 Additional Settings 	3. Set LAN Connection Type 4. Set Additional Information 5. Restart
Click Next	Next Exit
Create a new password for your DSM-600.	http://192.168.1.121 - DSM-600 - Microsoft Internet Explorer D-Link DSM-600 Setup Wizard Set Password You may change the admin account password by entering in a new password. Click Next to continue. New Password Confirm Password
Click Next	G D D Back Next Exit

Select your Time Zone from the drop-down menu.



Click Next

Select either Static or Dynamic IP address. When Static is selected, you will fill in these fields:

Static IP Address

Subnet Mask

Gateway Address - Usually the LAN address of your router. **DNS Address** - A Domain Name Server translates Domain names into IP addresses.

Select **DHCP Client** when you have a DHCP server in your network. No other configuration is required on this screen when Dynamic IP address is selected.



Click Next



. .

Home LAN

Speed: Displays the current speed of the LAN port.

- Link Speed: Select Auto (recommended) or 1000 and then click Apply.
- DHCP Client/ Select either DHCP Client (default) if you have a DHCP Static IP: server or router on your network, or Static IP if you want to assign the network settings manually.
- IP Address: Enter the IP address of the DSM-600 here, when Static IP is selected.
- Subnet Mask: Enter the subnet mask here, when Static IP is selected.
 - **Gateway** Enter the gateway address here, when Static IP is selected. Address: This is normally the LAN address of your router.
- DNS1/DNS2: DNS (Domain Name System) is an Internet service that translates domain names into IP addresses. Enter a DNS address here. If you are using a router in your network, you can usually enter the router's LAN IP address as the DNS address.

Apply: Click Apply to save the changes.

You may also change the LAN IP address using the D-Link Easy Search Utility. Please refer to the appendix at the end of this manual for this process.



Device

- Workgroup: Enter workgroup name of your network.
 - Name: Enter a name for the DSM-600 device. The default device name of the DSM-600 is dlink - xxxxx, where xxxxx is the last six digits of the MAC address.

Description: Enter a description of the DSM-600.

	DSM-600 Network Storage Enclosure			
Home	Advanced	Tools	Status	Help
Workgroup Name Description	workgroup diink-222222 Network Stora	ige Enclosure	el Help	

Advanced User

D-Link

User Name: Enter a user name.

Password: Enter a pa

Comfirm Enter th Password: confirmation

Apply: Click App

ssword for the user.	Building Networks for People		N	DS etwork Sto	M-600 prage Enclos	ure
e password again for on.	DSM-600	Home User Accounts User accounts wil	Advanced	Tools 9 Download Sche	Status eduler area only.	Help
y to save your settings.	User Network Access	User Name Password Confirm Passwo	rd		🤣 🥴 🔂) 2
be listed under User List .	UPnP AV	User List No. User Name 1 user1	8	2 : c	Change Password 🖡]: Delete

To change a current user's password, click the icon next to a user listed under User List. Click Apply to save any changes.

To delete a user, click the *i* icon next to a user listed under *User List*. Click **Apply** to save any changes.

You will need to create users for assigning permissions, using FTP, and using the download schedule section.

Users you create will

User List

No. User Name 1 user1

Network Access

- User: Select a user from the drop-down menu or check All Accounts.
- Path: Click **Open** and select the folder from the internal/USB drive that you would like to create the rule for.
- Authority: Select Read Only or Read/Write from the drop-down menu.
- **Comment:** Enter a comment regarding the rule (optional).

		N	etwork Sto	orage Enclos	sure
00	Home	Advanced	Tools	Status	Help
	Network Acces	s Settings			
	User	Please select a u	ıser 🔽 🗖 All ac	counts	
ogout	Path			Open	
	Authority	Read Only	~		
User	Comment				
twork cess P Server				Mapply Cancel I	🕀 Help
		Sead/Wri	e 🔲: Read On	lv 🖳: Modify Set	ting 🗍: Delet
				.,,,	

By default, all users on your local network will have read/write permissions to all files and folders on the internal/ USB drive(s) that are connected to the DSM-600. This "rule" will be displayed in the list similar to the picture above.

Note: Currently, you may only assign Read Only permissions to the USB drive(s) if formatted with NTFS^{*}. To assign read/write permissions, USB drive(s) must be formatted with FAT32, EXT2, or EXT3.

*Non-English character file names are not supported on an external USB drive that is formatted with NTFS.

To create a network access rule, you must first delete the default rule by clicking on the trash can icon. Once the rule is deleted, users will not be able to access the internal/USB drive(s) until new rules have been created.



Example

In the example below, permissions are set for the folder "**Drivers**" on the internal drive named "**HDD_a**". Two users (user1 and user2) were created (refer to page 50 on creating users).

User1 has been assigned read/write permissions for the Drivers folder (as seen in the network access list).

User2 will be assigned read only permissions for the Drivers folder. Once the settings are applied, User2 will appear in the network access list.



You may edit a rule from the list by clicking on the \mathbb{R} icon.

To delete a rule from the list, click on the 🧃 icon.

FTP Server

- User: Select a user from the drop-down menu or check All Accounts. Anonymous will always be listed as a user.
- Path: Click Open and select the folder from the interneal/USB drive that you would like to create the rule for.
- Root: Check the Root box to select the root level of all the drives at once.
- Authority: Select Read Only or Read/Write from the drop-down menu.
 - Add: Click Add to add the rule.
- Max User: Select the maximum number of users allowed to connect via FTP at one time from the dropdown menu.
- Idle Time: Select the idle time (1-10 minutes). Users will be disconnected when idle for the specified amount of time.
 - Port: You may change the port used for FTP. The default port is 21.

	N	DS etwork Sto	M-600 prage Enclos	ure
Home	Advanced	Tools	Status	Help
FTP Server Settin	igs			
User	Please select a us	ser 🗸 🗖 All ac	counto	
Path	noot		counts	
			Open	
Authority	Read Only	~	Add	
Max User	05 🔽			
Idle Time	2 (1~10 Min	utes)		
Port	21 (1~65535,	Default:21)		
Flow Control	Summed ○	x 10 KE	ls	
Path	:Read/Write 🔲:I	Read Only 🖻:M	odify Setting 🗐:Del	ete
U	Jser Name 🛛 🖡	Path		
			Apply (Cancel Help
FTP Server Status	Started			
FTP Server Status Status Port	Started 21		32.5	
FTP Server Status Status Port Max User	Started 21 5			
FTP Server Status Status Port Max User Flow Control	Started 21 5 Unlimited			
FTP Server Status Status Port Max User Flow Control Idle Time	Started 21 5 Unlimited 2 Minutes		. 82 8	

Flow Control: Select Unlimited or enter a data rate (x10 KB) for restricted data flow. This setting is only necessary where network traffic is significant and can be affected by FTP server activity.

Path: Displays current FTP users, paths, and permissions.

FTP Server Status: Displays the current information regarding the FTP server.

You may edit a rule from the list by clicking on the icon.

To delete a rule from the list, click on the 1 icon.

Example:

Log into the web-based configuration by launching the Easy Search Utility or by opening a web browser and entering http://device name, where device name is the name assigned to the DSM-600. If you did not change the name, the default name is "dlink-xxxxxx" where xxxxxx is the last six digits of the DSM-600's MAC address. You may also enter the IP address of the device.

Click Advanced and then click FTP

AICK Advanced and then click FIP Server.	D-Link Building Networks for People DSM-600 Network Storage Enclosure	
	DSM-600 Home Advanced Tools Status Help FTP Server Settings	
	User Please select a user C All accounts Path Troot	
Select a user from the drop-down menu or check All Accounts .	Authority Read Only Add	



	🗿 http://192.168.1.121/path/all_path.asp - Microsoft Internet E 🔚 🗖 🔀
	☐ dlink-222222: 由 → HDD_a
If Root is not checked, select the folder and click OK . Click the + sign to expand	ОК
the folder tree.	





The rule will be listed under Path. The rule shown will allow an anonymous user access to the root folder on the drive with Read-Only permissions. You may edit a rule from the list by clicking on the is icon. To delete a rule from the list, click on the ii icon.

To access the FTP server from your local network, open a web browser and enter **ftp://device name**, where device name is the name assigned to the DSM-600. If you did not change the name, the default name is "dlink-xxxxx" where xxxxxx is the last six digits of the DSM-600's MAC address. You may also enter the IP address of the device.

If you are behind a router, you will need to forward the FTP port to the DSM-600. Additional filtering and firewall settings may need to be modified on your router to allow FTP access to the DSM-600 from the Internet. Once the port is forwarded to the DSM-600, users from the Internet will enter ftp:// followed by the WAN IP address of the router (e.g. ftp://64.56.23.111).

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 DSM-600 FTP server rule.
- IP Address Enter the IP address of the DSM-600.
- 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**.

Product Page: WBR-231	°			_	Hardware Version: A1	Firmware Version: 1.03
WBR-2310 //	SETUP	ADVANCED	TOOLS		STATUS	SUPPORT
VIRTUAL SERVER PORT FORWARDING APPLICATION RULES NETWORK FILTER WEBSITE FILTER	VIRTUAL SERVER The Virtual Server op to an internal LAN IP online services such a Save Settings Do	RULES : tition allows you to define a Address and Private LAN p is FTP or Web Servers. n't Save Settings	single public port (ort if required. Thi	on your rou s feature is	uter for redirection : useful for hosting	 Helpful Hints Check the Application Name drop down menu for a list of pre-defined applications that you can select from. If you select one of the pre-defined applications, click the arroy button next to the drop
ADVANCED WIRELESS	20 - VIRTUAL SE	RVER RULES	Port	Traffic Type	Schedule	down menu to fill out the appropriate fields. • You can select your computer from the list of
	► Name DSM-600_FTP IP Address 192.168.0.60	Application Name	Public 21 Private 21	TCP 💌	Always	DHCP clients in the Mo Computer Name drop down menu, or enter the 1 address manually of the computer you would like to open the specified <u>port to</u>
	IP Address	Application Name << Computer Name	Public Private	TCP 💌	Always 💌	 In order to apply a schedule to a Virtual Serve Rule, you must first define a schedule on the Tools>Schedules page.

If you are using a port other than 21, you must enter a colon (:) followed by the new port number in the URL to connect (e.g. ftp://ftp.mysite.com:**3000**).

Please consult your router's user manual for more information on port forwarding.

UPnP AV

D-Link Building Networks for People	-	N	DSN etwork Sto	N-600 rage Enclos	ure
DSM-600	Home UPnP AV Settin Path	Advanced ngs	Tools	Status	Help
User Network Access FTP Server UPnP AV	Re dlini	efresh <-222222_SHARE	Op Ap	en) 🥝 🛟 oly Cancel Help	

The DSM-600 has a built-in media server that can be used with media streaming devices. Click **Open** to locate the folder which contains your media files (video, music, and photos).

Root: checking "root" will allow UPnPAV access to all drives and all folders.

Refresh: Clicking the **Refresh** button is necessary wherever you add new content to the hard drive. You UPnP AV media player will not find this new content until you click **Refresh**.

Tools Admin

User Name: The user name is set to admin. You cannot change the user name.

Password: Enter the old password.

New Password: Enter your new password.

Comfirm Enter your new password again. **Password**:

Apply: Click Apply to save your new password.

works for People	N	DS etwork Sto	M-600 prage Enclos	sure
Home	Advanced	Tools	Status	Help
Administrator's Set the administ	Password rator password here.			
User N	ame admi	n]	
Passwi New Pa	ord assword			
Confirm	n Password			
			0	30
			Αρρι	y Cancel Help

Time

This section will set the DSM-600 internal clock. It is important that accurate time is set for scheduled downloading and backup of files and folders.

Current Time is displayed in 24-hour format (e.g. 14:00 is 2:00pm). Current Date is displayed in Month/Day/Year format.

- Default NTP Network Time Protocol (NTP) synchronizes Server: clocks on devices in the network, using internet time servers. This field is optional.
- Set time from Synchronize the time from the computer my computer: you are currently using. Click the Set Time button to set the DSM-600 internal clock to the local PC time.
- Set the Time: Select the appropriate date and time from the drop-down boxes provided. Click the Set Time button to set the DSM-600 internal clock to the changes made.
 - Time Zone: Select the time zone.
- Daylight Saving Select to enable daylight savings. Time:





System

System Restart: Click Restart to reboot your DSM-600.

Restore Click Restore to reset the DSM-600 back to Factory to the factory default settings - erasing all Defaults: changes you have made.

System Click shutdown to turn off your DSM-600 shutdown:

- **Configuration** You can save all device settings to a file **Settings:** which can be saved to your computer. Then later, if something happens and you need your settings back, you can load them up again by loading this file.
 - Idle Time: Enter the time (in minutes) for the idle time in both the Scheduling and Config sections. Users will be logged off if the idle time is exceeded.

Apply: Click Apply to save your settings.

retworks for People		Net	twork Sto	rage Enclos	ure
	Home System Settings	Advanced	Tools	Status	Help
gout	Restart	~	(-)		
amin	System Resta	rt.	Restart		
ime	Restore To Fac	ctory Default Settings	Restore		
stem	Shutdown System shutdo	own.	Shutdown		
	Configuration Se	ttings			
1ware	Save Configura Load Configura	tion Settings. Save tion Settings.		瀏覽	[] Load
Utinty	ldle Time				
Alerts	Config Inactivit	y Timer edule Inactivity Timer	5 (Minu 5 (Minu	tes) tes)	

Firmware

Browse: Afer you have downloaded the firmware upgrade file to your hard drive, click Browse to find the upgrade. When you have found it, click Open in the browser window and click Apply in this screen to begin the firmware upgrade.

> When the "upgrade is complete" message appears, click Restart. After the login screen appears, wait until the power LED stops blinking before logging into the DSM-600.

ink rks for People	_	Ne	DSI twork Sto	M-600 prage Enclos	ure
	Home	Advanced	Tools	Status	Help
Firm	iware Upgr	ade			
Plea	ase check th	e support site at <u>http:</u>	//support.dlink.c	om for new firmware	update.
Ном	k to undate fi	rmware:			
1.Do	ownload and	Save the firmware fro	m our support si	te.	
2.CI	lick on the "E	Browse" bottom to sel	ect the path of th	ne new firmware.	
3.CI	lick on "Appl	у"			
		Current F Firmwa	rmware Versio ire Date : 09/14	on : 1.02 /2006	
		File path		瀏覽	
					00
				Annh	Cancol
				аррту	cuncer n

Disk Utility

- Disk: Select the hard drive you would like to format from the drop-down menu. Formatting the drive will erase all data on the drive.
- File System: Select the file type you want to format your drive to: EXT3, EXT2, or FAT32.
- Format Button: Click the Format button to start the formatting process.
 - Scan Disk: Select the hard drive you want to scan for errors from the drop-down menu.
 - All Disk: Check to select all drives.
 - Fix: The DSM-600 will automatically fix any errors found. You cannot uncheck this option.
 - Scan Disk Click the Scan Disk button to start the Button: scanning process.

or People	DSM-600 Network Storage Enclosu			
Home	Advanced	Tools	Status	Help
Disk Utility				
Format				
Format hard disk	drive.			
Disk	Please select a	disk 🚩		
File System	EXT2 💌	Format		
Scan Disk				
Disk	Please select a d	isk 🔽 🔲 All di	isks 🔲 Fix	
		Sca	n Disk	
			0	
			Hele	

E-mail Alerts

Login Method: Select either Account or Anonymous.

- User Name: Enter your user name used to connect to your email account (only when Account is selected).
- Password: Enter your password (only when Account is selected).
- SMTP Server: Enter the IP address or DNS name (e.g.mail.myisp. net).
- Sender Email: Enter the "from" email address (e.g. log@dsmg600. com). This address does not have to be a valid address. If your email client software is filtering spam, make sure you "allow" this email address to be received.
- Reciever Email: Enter the email address you want to send the alerts to.



Disk Full: Check to send an email when the disk is full.

Hard Drive Check to send an email when the hard drive fails. Failure:

Administrator Check to send an email when the admin password has been changed. Password Changed:



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Firmware Check to send an email when the firmware has been updated. Upgrade:

Overheat: If the internal temperature goes over the specified number, an e-mail will be sent to notify you. This number is set to the 'danger level' by default but can be adjusted to whatever you want.

Test Email Click to send a test email to verify your login settings. Button:

Status Device Info

- LAN Info: The LAN Info section will display the network settings of the DSM-600.
- Device Info: The workgroup, name, and description of the DSM-600 will be displayed in this section.
- Internal HD Displays information about your internal/USB hard Info: drive such as total size, space used, and space available.
- Network Access Current shares and permissions will be displayed List: in this section.

le	Ne	DSM-6	00 Enclos	ure
Home A	dvanced	Tools S	tatus	Help
Device Information				
LAN Info				
IP Add	ess: 192.168.0.1	13		
Subnet M	ask: 255.255.255	5.0		
Gateway IP Add	ess: 192.168.0.1			
Device Info				
Workgr	oup: workgroup			
Na	me: dlink-22222	2		
Descript	tion: Network St	orage Enclosure		
HD Info				
Device Na	ime: HDD_a			
Total Disk S	Size: 78257380 P	В		
Used Sp	ace: 8 KB			
Disk Size Remain	ing: 78257372 k	B		
Temperat	ture: 95"F			
Network Access List				
Path		Permission	s Acce	ess Contro
HDD_a		Read/Write	e Ope	n mode

Help



This section lists all of the available help topics for reference. Click on a topic to view the online help information.

Download Scheduling

This function will allow the user to set up scheduled folder or file downloads and backup jobs.

Log into the web-based configuration by launching the Easy Search Utility or by opening a web browser and entering **http://device name**, where device name is the name assigned to the DSM-600. If you did not change the name, the default name is "dlink-xxxxx" where xxxxxx is the last six digits of the DSM-600's MAC address. You may also enter the IP address of the device.

🕘 D-Link -	Microsoft Inte	ernet Explo	rer –	
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A <u>d</u> dress	http://dsm-600	-	∑ Go ∐Li	nks »

The logon screen will appear.		G
Type admin for the username and leave the password field blank.	DSM-600 User Name: Password:	admin
Click Download Schedule.	Download Sch	edule Config Reset

Login Method: Select the appropriate login method to access files for download:

• Account – If the download site employs restricted access, check this button and enter in the User Name and Password in the appropriate fields provided below this button.

• **Anonymous** – Click this button if this job is a local (drive/PC to drive) backup or the download site does not require any login information.

- Type: Select the file or folder depending on what you want to download or backup.
- **URL:** Enter a valid URL to the remote location from which you wish to initiate a file or folder transfer.

To download from a remote FTP or HTTP server, refer to the following examples of valid URL formats:

- **ftp://123.45.67.89/Test** (for a folder download from a FTP server)
- **ftp://123.45.67.89/Test/hello.txt** (for a single file download from a FTP server)
- http://www.abc123.org/test.txt (for a single file download from a HTTP server)

To initiate a transfer of a shared file or folder from a networked PC, refer to the following example of the valid URL format.

· \\192.168.0.100\Test.txt



The PC's internal IP address must be known and be accessible to the DSM-600 on the network.

Test: This button is provided to test the given URL to make sure it is valid as well as the user name/password authentication set in **login method**.

Local: This button will let you set the source file or folder from any internal IDE/external USB drive connected to the DSM-600. When you click on the button, a window will appear with a graphical representation of the folder structure on the internal IDE/external USB drive(s).

To select a folder, click on the plus sign next to the internal IDE/external USB drive name to reveal all subfolders available. When the folder you want is displayed, click on the folder name, scroll to the bottom of the folder structure, and verify the correct folder path is listed.

If the folder path is correct, click on the OK button to accept.

If you wish to specify a single file to transfer, follow the above process to select the desired folder and then manually type in the file name at the end of the folder path displayed in the URL field.

- Save To: Enter a valid destination folder path to an attached internal IDE/external USB drive on DSM-600. Click on the **Open** button to begin the browsing process.
 - When: Enter the date and time you wish the file or folder transfer to commence. The current date and time according the DSM-600 internal clock will be displayed in the various drop-down boxes that appear as a reference point. The format of the date is Year/Month/Day. The time is set and displayed in 24 hour format.
- **Recurring** If you wish to make unattended backups at regular intervals, then designate the appropriate interval (e.g. **Backup:** daily, weekly, or monthly) and specific time for the backup to occur.
- Incremental By default all backups and file/folder downloads are in Overwrite mode. This means that files at the destination Backup: drive/folder with identical names will be written over by the source files (also known as "Full Backup"). If the Incremental Backup option is checked, then DSM-600 will compare identical file names at source and destination by Last Modified Date/Time and overwrite the destination if the source is more recent.

Note: Incremental Backup is not available for HTTP or FTP downloads as the Last Modified Date/Time is not accessible at the remote location.

Schedule List: The Schedule List will display all completed, active, and pending scheduled transfer or backup jobs. Additional options are available to initiate or cancel an active or pending backup job immediately.

Scheduling Status



The Status Schedule List will show pending or completed download events. Current download statistics, such as % completed and download speed are displayed for each event. The icons below represent the current status of each event.

- Download Successful
- X Download Failed
- Pownload Pending
- Waiting
- Link File
- Download in Progress

Using the Easy Search Utility

The D-Link Easy Search utility will allow you to connect to the web-based configuration utility, assign IP address settings to the DSM-600, and map drives to your computer.

Insert the DSM-600 CD into your CD-ROM drive.



Storing non-English Character Files

If you are storing non-English character files, you will need to change the Language setting from the Easy Search utility to ensure full compatibility with those files.

Insert the DSM-600 CD into your CD-ROM drive.





Note : Changing the language setting will NOT change the display language of the user interface. It is only for supporting non-English character file names.

Non-English character file names are not supported on an external USB drive that is formatted with NTFS.

Networking Basics Checking the IP Address in Windows XP

The computers in your network must be in the same IP Address range (see Getting Started in this manual for a definition of IP Address Range). To check the IP Address of the adapter, please do the following:

- Right-click on the Local Area Connection Icon in the task bar.
- Click on Status.

This window will appear:

- Click the **Support tab**. This screen will list your IP address, subnet mask, and the default gateway.
- Click Close.



↑ Wireless Network Conne	ction 7 Status 🛛 🛛 🛛 🔀
General Support	
Internet Protocol (TCP/IP)	
Address Type:	Assigned by DHCP
IP Address:	192.168.0.114
Subnet Mask:	255.255.255.0
Default Gateway:	192.168.0.1
	Details
Regair	
	Close

Assign a Static IP Address (Windows® XP/2000)

Note: DHCP enabled routers will automatically assign IP addresses to the computers on the network, using DHCP (Dynamic Host Configuration Protocol) technology. If you are using a DHCP-capable router you will not need to assign a static IP address.

If you are not using a DHCP capable router, or you need to assign a static IP address, please follow these instructions:



- Right-click on the Local Area Connection icon in the task bar.
- Double-click on Properties.



- Click on Internet Protocol (TCP/IP).
- Click Properties.
- Input your **IP address and subnet mask**. (The IP addresses on your network must be within the same range. For example, if one computer has an IP address of 192.168.0.3 and 192.168.0.4. The subnet mask must be the same for all the computers on the network.)

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Connec	et using:					
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Appendix B - Networking Basics

• Input your DNS server addresses. (Note: If you are entering a DNS server, you must enter the IP address of the default gateway.)

The DNS server information will be shipplied by your ISP (Internet Service Provider.) transmissions bolt up to 3vze engine

• Click OK

ou can get IP settings assigned is capability. Otherwise, you nee e appropriate IP settings.	automatically if your network supports d to ask your network administrator fo
🔵 Obtain an IP address automa	atically
Use the following IP address	e
IP address:	192.168.0.52
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	192.168.0.1
Obtain DNS server address	automaticallu
Use the following DNS serve	er addresses:
- Preferred DNS server:	192.168.0.1

Technical Specifications

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab

Device Management

• Web-Based - Internet Explorer v6 or later; Netscape Navigator v7 • W = 6.96 inches or later; or other Java-enabled browsers.

Ports

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

Power

- Output12V, 3A
- Max Power 36W, 100-110V

Weight

1.7 lbs.

LEDs

- Power
- LAN
- HDD
- HDD Full
- USB

Temperature

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

Humidity

• 5%-90% (non-condensing)

Certifications

• FCC Part 15 Class B

Dimensions

- L = 7.69 inches
- H = 2.41 inches

Warranty

• 1 Year