

# **NSA325**

## **Support Note**

Version 1.00 Sep, 2011





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# **Chapter 1 Applications**

## **1. NAS Starter Utility**

## **1.1 NAS Starter Utility Installation**

After you install a new hard drive on the NSA325, please make sure to use the NAS Starter Utility to discover and access the NSA325 to assign an IP address by DHCP or a static IP. The steps are as below.

- a. Double-click setup.exe. ZNSU\_V2.10\_build\_1034.exe
- b. Click "Next" to begin the installation.



Figure 1. Click "Next"



Figure 2. Select a folder to install the utility.



Figure 4. NSU Installation is processing.



Figure 3. Click "Install"



Figure 5. Installation is finished.

## 1.2 NSA325 Initialization

After successful installation, click the "NAS Starter Utility". The first screen of NSU is trying to discovery for NSA devices. Click the "NAS Seeker", you can choose devices which do you want to connect.

ZyXEL				2 8 NA	AS Seeker			
📲 Configuration 🗸								
	Server Name: IP Address: MAC Address: Firmware Version:	Loading Loading Loading Loading			The following sh	ows the discovered	device in the network	
Loading	Status: Capacity:	Unreachable Loading			Status	Server Name	IP Address	
NAS Seeker		Loading	Loading		Online	nsa220plusL	10.59.1.23	
My Taola					Online	nsa325	10.59.1.52	
My TOOIS					Online	NSA2401-CSO	172.23.34.213	
					Online	nsa210	10.59.1.83	
					Online	lulala	10.59.1.102	



Figure 7. NAS Seeker

Then click **Run the Initialization Wizard** to set up the NAS325, and enter the username and password to start the initialization. The default username is **admin** and the password is **1234**. These two words are case sensitive.

ZyXEL			? 8	Initialized Wizar	br
🛋 Configuration 🗸				Welcome	•
Insa325 (10.59.1.52) M43 Seeter My Tools Media Player Pilot	Server Name: IP Address: MAC Address: Status: Capacity: Vervork Drive Shared Fold	ns325 10.59.1.52 c8 6c 87.03.86 c4 V4.30(UZC 0)64 Uninitialized Total: 0.00 GB Used: 0.00 GB	Run IniBalization Wizard	Follow the ni information t Usemame: Password:	ext few simple steps and the wizard will get the device ready for use, enter the account origin admin ••••
					Login Cancel

Figure 8. Run Initialization

Figure 9. Enter username and password.



Choose **Default Configuration** or **Manual Configuration** and then click **Next**. Here, we recommend users use **Default Configuration**. For security issue, we suggest users change the admin's password.

Initialized Wizard	Initialized Wizard
Choose a wizard type	Change Admin Password step: 2 of 3
Choose one wizard type from the following options:	As a security precausion, it is highly recommended that you change the admin password. Keep empty if you don't want to change it now.
Default Configuration Automatically apply the following settings / actions to the NAS. - A default system name: NSA325. - Your computer timezone. - Your computer network configuration as network settings. Manual Configuration Step by step configuration.	New password:
Next Cancel	Back Next Cancel

Figure 10. Choose a wizard type

Figure 11. Change the password.

Check if the settings are correct and click **Next** to begin configuring NSA325.



ſ	Initialized Wizard
	Setting Up the Device
	The wizard is configuring the device. It might take a few minutes to finish.
	Setting time zone
	15%
	Back Next Cancel

Figure 12. Confirm settings.

Figure 13. NAS is under setting.



Figure 13. Configuration is finished.



## **1.3 Network Setting**

After successful initialization, go back to the NSU main menu and click **Configuration > System Setting** to start configuring. You can assign a new hostname of this NSA325, set TimeZone, PPPoE connection information and configure an IP for NSA325.

ZyXEL			System Settings		×
🛋 Configuration 🗸 🔶			Server Name:	NSA325	
Initialization vizard System Satting Administration NSA325 (10.59.1.52) NSA325 seeker	Server Name: IP Address: MAC Address: Firmware Version: Status: Capacity:	NSA325 10.59.152 cd %c: 8103.a6 c4 V4.30(U2C.0)b4 Online Total: 1533.30 GB Used: 0.69 GB Free: 1832.60 GB	TimeZone: Enable PPPoE C Username: Password Verify Password IP Address:	(GMT+08:00) Beijing,Chongqing Connection t Automatically get IP address Manually assign IP address IP Address: Subnet Mask:	Hong Kong,Urumqi •
My tools	Network Drive Shared Fold	r BT Download Dropbox	DNS:	Default Gateway: Use from DHCP server Manually assign DNS server Primary DNS Server: Secondary DNS Server:	10.59.1.1 172.23.5.1 172.23.5.2 Apply Cancel

Figure 14. NSU main menu.

Figure 15. Configure an IP for NSA325.

## 1.4 zPilot

Click **zPilot** to launch zPilot. When you would like to upload files to NSA325, just drag files onto zPilot icon. The files will be automatically uploaded and sorted based on their types: Music, Photo and Video. The files which are not the categorized in Music, Photo or Video will be uploaded to the Public folder.

ZyXEL	3 8	ZyXEL	? &
🛋 Configuration 🗸		🖨 Configuration -	
Sever Name P Addrass IF Addr	NSA25 10.51.52 66.67.70.36:64 V4.30(UZC.0)64 Online Used: 0.65 GB Free: 1832.60 GB Used: 0.65 GB Free: 1832.60 GB	Sever Name: NSA325 PAddress: D59.152 NSA325 (10.59.1.52) NG Seeler Ny Tools Media Player 2/Plot Network Drive Shared Folder BT Download Dropbox	2.60 GB

Figure 16. NSU main menu.

**Figure 17**. Enter the username and password to login.



Figure 18. zPilot icon



When users double click on the zPilot icon, the detail status of zPilot will be shown as follows. Click **Clean Completed** to clear finished tasks.



**Figure 19**. The zPilot is transferring files to NSA325.

## **1.5 Directory**

Click **Network Drive** and enter your username and password. Then the directory of NSA325 will pop up. You will see the files you uploaded through zPilot are automatically categorized by their types.





Figure 20. NSU main menu.

**Figure 21**. Enter the username and password to login.

	Same Same	NUMBER OF TAXABLE PARTY.	×						x
				O O O O O O O O O O O O O O O O O O O	ume1 (\\10.59.1.52) (Z:) 🕨	- + Search 1	/olume1 (\\10.5	0.1.52) (Z:)	Q
To quickly and easil	ly access the files that are sto	red in the NAS directly	right from	Organize 🕶 Burn Nei	v folder		8==	- 1	0
windows Explorer of	or my computer, you can map	a unverener to a onare	eu Foldel.	🔆 Favorites	A Name	Date modified	Туре	Size	
Drive Letter	7.			🥅 Desktop	🍶 admin	8/31/2011 6:54 PM	File folder		
	<u> </u>			📃 Recent Places	music	8/31/2011 6:54 PM	File folder		
Shared Folder	Shared Felder	Network Drive		🚺 Downloads	🌗 photo	8/31/2011 6:54 PM	File folder		
	Shared Folder	Network Drive	_		public	8/31/2011 6:54 PM	File folder		
	photo			Cibraries	ideo 👔	8/31/2011 6:54 PM	File folder		
	music			Documents					
	a davia		E	Music	E				
	admin			Pictures					
	Volume1			🔠 Videos					
	4		<u> </u>	. Communities					
	•			Computer					
				Elocal Disk (C:)					
Open the netwo	rk drive after clicking Apply			University (0.10 50 1 52) (7					
Reconnect at W	indows login								
				Ste Network					
		Annhu	Concel		•				_
		Apply	Cancer	S items					

Figure 22. Select NAS folder for directly on PC Figure 23. Directory of NSA325.



ZyXEL	0 8
NSA326 (10.59.1.52) NAS Seeter My Tools	Login User Name Password Remember me VGuest Ok Cancel
Media Player 2Pilot	Network Drive Shared Folder BT Download Dropbox

	Serve Nerve	NUMBER OF TAXABLE	×
To quickly and eas Windows Explore	sily access the files that are r or My Computer, you can m	stored in the NAS directly r nap a drive letter to a Share	ight from d Folder.
Drive Letter	Z:	•	
Shared Folder	Shared Folder public video photo music	Network Drive	
☑ Open the netw ☑ Reconnect at \	ork drive after clicking Apply Windows login		Cancel

Figure 24. Use Guest to login.

**Figure 25**. You are able to select that NSA has shared public folder for directly on PC.



Figure 26. Directory of NSA325.

### 1.6 Device Management

Click **Configuration > Administrator** and enter admin's username and password to access NSA325's GUI. Then the administrator can manage the device and change the configurations.

U



Figure 27. NSU main menu.

**Figure 28**. Enter admin's username and password to login GUI.



ZyXEL					Language: English
-	Status				
Status	System Information				
NSA325 D-System Setting D-Server Name D-Date/Time D-Storage L-Volume D-Network T-TOP/IP -UPaP Port Ma -UPaP Port Ma -UPaP Port Ma -UPaP Server	Server Name Model Name Firmware Version MaC Address FIP Server Status Web Publishing Status UPS CPU Usage CPU Usage CPU Temperature FAN Speed Memory Usage	NSA325 NSA325 V4.30(UZC) C6:6C:87:03 Enabled Disabled N/A 2057 RPM	b4 A6:C4 0% 37.00°C (98.60°F) 17% Used, 88MB/498MB	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
– Media Server – Download Ser – Web Publishir	Olume Status				
- Broadcatching - Print Server - Copy/Sync Bt - Package	Internal Volume 🕸 Status	Name	Configuration	Disk(s)	Disk Usage
- Auto Upload - Flickr/You - FTP Upload Dropbox	Healthy	Volume1	несо "JBOD"	disk1	Used 99.96% Free
- Sharing	External Volume	Name	File System	Disk(s)	Disk Usage
	Message Ready				۵

Figure 29. NSA325's GUI

## 1.7 Media Player

Click **Media Player** to enjoy the music, video, and photos through the web browser.





Figure 30. NSU main menu.

**Figure 31**. Enter the username and password. The username can be admin or other regular users.

The Home screen displays. You can click on the icon to listen to the music, watch the movies or enjoy the photos stored in the NSA325.



Figure 32. NSA325 Home Screen.



You can select one category in the list to play the music.



Figure 33. Play the music by selecting the category.

Just click on the song to start playing the music.



Figure 34. Music Folder.



Figure 35. Music Files.

If you find that the media files can't display correctly, please check the status in Applications > Media Server, or click "Rebuild Database". Usually, you will some time to see the photos displayed.



## 2. Auto Upload Service

ZyXEL NSA325 provides users to automatically upload their pictures to Flickr website (<u>http://www.Flickr.com</u>) and video files to You Tube website (<u>http://www.youtube.com</u>). Additionally, automatically FTP uploading is supported in NSA325. To use this feature, you need to download the same package as NSA210's.

## 2.1 Auto-upload pictures to Flickr

For sharing pictures in Flickr website (http://www.Flickr.com), NSA325 supports automatically uploading pictures in given folder in NSA325.

### **Configuration Procedure:**

- Enable auto-upload in Flickr service.
- Configure the account Flickr account information.
- Link your NSA325 with your Flickr account.
- Specify the folders which you want NSA325 to automatically upload your pictures.
- Specify the grace period and other options in auto upload function.
- Move pictures to the folders you specify in previous step.
- Check the result in Flickr website.
- Check the system log in NSA325.

First, log into the web GUI page in NSA325, go to Auto Upload >Flickr/YouTube. Then, enable Flickr service as following figure. After enabling the Flickr service, you will see two more icons in the same page.

ZyXEL				Language: English	• ? • • • •
Extreme FTP Server - FTP Server - Weldia Server - Download Server - Web Publishir - Broadcatching - Print Server - Copy/Sync Bit - Package - Auto Upload - FTP Upload - FTP Upload	Applications - Auto U Flickr/YouTube Disable Pause Status Enabled Disable	Ipload - Elickr/YouTub Config Service Name A Fickr YouTube	e Account Information Non-authorized	Language: English	
Dropbox     Sharing     Users     Groups     Sharence     Power     Log     Configuration     SSI     Shutdown     Cogout     T	Message	Ready			0

Figure 36. Enable Flickr service.



Press "config" icon to set more detail configuration. There will be several system notification to warn that you are going to link to Flickr website. In the meanwhile, please make sure you have Flickr account information.

After configuring the account information, system will warn you that the connection to Flickr.

In the following popup browser, you need to authorize the connection between your account and your NSA325.



Figure 37. Authorization between your account and NSA325.

The following figure shows that you agree this link after press "OK" button.



Figure 38. Successful Authorization.



After allowing the agreement in Flickr page, please also press the "Get ready" button in NSA325.

ZyXEL				Language: <mark>English</mark>	• ? • • E
Status	Flickr/YouTube				
-FTP Server	Disable Pause	Config			
— Download Ser — Web Publishir	<u>Status</u>	Service Name ^	Account Information		
-Broadcatching	Enabled	Flickr	Non-authorized		
-Print Server	Disabled	YouTube			
-Copy/Sync Bt					
-Flickr/' -FTP Up -Dropbox	When	you've given the NSA permission	a to connect to your account on the Flickr website, c	lick the "Get Ready" button.	
-Users					
Shares					
E-Maintenance					
-Power					
-Log					
- Configuration					
= SSL EW Upgrade					
Shutdown					
Logout					
<					

Figure 39. Press "Get Ready".

You also can check the service status in NSA325 under Auto Upload > Flickr/YouTube. In this case, we can see the storage status in your Fickr account.

A	pplications - Auto	Upload - Flickr/YouTube	е		
	Elickr/YouTube				
	incki/iourube				
	0				
	¥ 📕				
	Disable Paus	e Config			
	<u>Status</u>	Service Name 🔺		Account Inform	ation
			Username		maxcapie
			Photo Space Usage		🗧 0% (0.00 Bytes) Used
	Enabled	Flickr		307.20 MB Total	100.00% Free
			Video Files Usage	Uploaded	0
				Remain	2
	Disabled	YouTube			

Figure 40. Monitor the service status.

Afterwards, users need to set which folder(s) in your NSA325 will be monitored and uploaded to Flickr website. In this example, we are going to set folder named as "" under public folder to be monitored and uploaded all the pictures to Flickr website.



ZyXEL					Language: English	• ? • • • e
	Applications - Auto Uploa	ad - Flickr/YouTube				
Status	Flickr Account Configur	ation				-
E NGADAS	Username	maxcapie				
System Setting	Photo Space Usage	307.20 MB Total	0% (0.00 Bytes) Used 100.00% Free			
- Date/Time - Storage	Video Files Usage	Uploaded Remain	0 2	Switch User		_
E-Network	Folder Selection					-
UPnP Port Ma	Folder Watch List					
- PPPoE	<u>Status</u>	Share Name	▼ <u>Path</u>	Action		
E-Applications	Add	There are cur	rrently no folders on the watch list.			
– Download Ser – Web Publishir – Broadcatching	Note: Only the following file mpeg, mpg, wmv, mp4	ormats will be automatica	ally uploaded: bmp, gif, jpeg, jpg, png, tif,	tiff, 3gp, 3g2, avi, mov,		
-Print Server	Grace Period					
– Package	The time the system will	wait before a newly added	l media file is saved in a watched folder.			
-Flickr/You	Grace Period	15 mir	nutes			
FTP Upload Dropbox	Default Privacy					
Sharing -	Who can see your media	files on Flickr?				
	Only You					
	😑 Message	Ready				

Figure 41. Configure "Grace Period" in the GUI.

In this example, we configure the grace period as two minutes. This means that NSA325 will upload any new added pictures in the folder you specify after 15 minutes since you press apply button.

Applications - Auto Upload -	Flickr/YouTube	
Grace Period		
The time the system will wa	it before a newly a	dded media file is saved in a watched folder.
Grace Period	15	minutes
Default Privacy		
Who can see your media file	es on Flickr?	
Only You		
Your friends		
Your family		
O Anyone	_	
Hide from public site area	ar	
Default Cafety Level		
Default Safety Level		
© Safe		
Moderate		
Restricted		
T Neter		
Video on Elickr may only in	clude "Safe" or "N	Moderate" content
"Restricted" video content	is not allowed on	Flickr and will be removed.
Default Content Type		
Photos / Videos		
Screenshots / Screencas	ts	
Illustration / Art / Animat	tion / CGI	

Figure 42. Configure "Grace Period" in the GUI.



Please specify the given folder that NSA325 will watch and upload the pictures after applying configuration.

· · · · · · · · · · · · · · · · · · ·
11_SpaceTraveling
Ξ.

Figure 43. Specify the folder.

Please remember to press "APPLY" button after specifying the given folder. NSA325 will monitor any need added pictures in the folder you assigned after you press apply button.

	307.20 MB TOLAI	00.00% FIEE		
Current Location: /			Folder Name:	<u></u>
<u>Typê</u>		<u>Name</u>		
A				
2011_SpaceTraveling				
2011_Taiwan				
C ZyXEL	Add Wrotch Folder			
Vourfrienda		Apply Cancel		

Figure 44. Press "Apply" after specifying the folder.



After 15 minutes, NSA325 will upload new added photos to Flickr website. In this example, we can see one picture has been uploaded to Flickr website.



Figure 45. Uploaded photo.



## 3. Package Management

Package management is used to set up more useful applications in NSA325. This feature enables user to use the following applications: BackupPlanner, DyDNS, Gallery, NFS, PHP-MySQL-phpMyAdmin, SMART, SqueezeCenter, Wordpress and eMule.

Firstly, click **Applications** > **Package Management** to display the screen. Then the applications are listed as below.

ZyXEL		Language: English	• ? • • • E
	Applications - Package		
Status	Package Management		
-System Setting -Server Name -Date/Time -Storage	Retrieve List From Internet Internet		
E-Network	Status Package Name Requires Version Description	<u>N</u>	lanagement Page
Volume     Volume     Volume     Veluwork     TCP/IP     UPPP Port Na     PPPoE     Teinet Service     For Server     Media Server     Volume     Volume     Profileations     FTP Server     Media Server     Volume     Pradatching     Print Server     Copy/Sync BL     Package     Auto Upload     Filckr/You     Filckr/You     Oropbox     S-sharing     Users     Convert	Currency, there are no packages. Please use Redneve List From Internet to update	package nst.	
	Ce Message Ready		
Figure 46.			

ZyXEL					Language	English 🔽 🖓 🗐 😭	
	Applications - Pac	ckage					
Status	Package Manage	ement					
-NSA325	<b>C</b> 2	÷ #		6			
-Server Name Date/Time	Retrieve Insta List From Internet	all/Upgrade Uninstall/Cance Installation	el Enable Disable Pao I	:kage nfo			
E-Storage	<u>Status</u>	Package Name 🔺	<u>Requires</u>	<u>Version</u>	Description	<u>Management Page</u>	-
- Volume - Network - TCP/IP	Built-in	BackupPlanner		001zypkg006	Use this to schedule and run backup jobs for files stored in your NSA to an internal drive, external storage device or to another NSA in the network.	Protect > Backup Protect > Restore	
– UPnP Port Ma – PPPoE	Not Installed	DyDNS		001zypkg004	This gives your NSA a domain name with a dynamic IP address.		E
- Telnet Service	Enabled	Gallery	PHP-MySQL-phpMyAdmin	2.3zypkg003	This web-based application allows your NSA to host pictures. Use the NSA administrator credentials to log in. The administrator can then create accounts for other users.	http://10.59.1.52/pkg/gallery/	
- Download Ser	Not Installed	NFS		1.1.4zypkg003	NFS (Network File System) is a file-sharing protocol most commonly implemented on Unix-like systems.		
- Broadcatching - Print Server	Enabled	PHP-MySQL-phpMyAdmin		1.0zypkg004	This tool can be used to manage MySQL through the web. Enter 'root' as the username and '1234' as the password to log in.	http://10.59.1.52/pkg/phpmyadmin/	
- Copy/Sync Bi - Package E- Auto Upload - Flickr/You	Not Installed	SMART		5.39zypkg004	Use S.M.A.R.T. (Self Monitoring, Analysis, and Reporting Technology) to monitor hard disks. It notifies you ahead of time of any issues that can result to the hard disk's poor performance or		Ŧ

Figure 47. Applications > Package Management

After you finished install an application and enable it, additional links display in the navigation panel. For example, you can see BackupPlanner, Gallery, PHP-MySQL.



ZyXEL		Language: English	<b>Z ? B A E</b>
	Applications - Package		
Status	Package Management		
-System Setting Server Name Date/Time	Install/Upgrade Uninstall/Cancel     Enable     Disable     Package       Internet     Installation     Info		
- Volume	Status         Package Name         Requires         Version         Description		Management Page
TCP/IP	Currently, there are no packages. Please use "Retrieve List From Internet" to upda	te package list.	
- UPAP Port Ma     - PPPoE     - Telnet Service     - Applications     - FTP Server     - Media Server     - Media Server     - Oownload Ser     - Web Publishin     - Broadcatching     - Print Server     - Copy/Sync Bil     - Package     - Auto Upload     - Filckr/You     - FTP Upload     - Dropbox     - Sharing     - Users     - Converting			
	Bessage Ready		

Figure 48. Original navigation panel before applications installed.

For Gallery, PHP-MySQL-phpMyAdmin, SqueezeCenter and Wordpress, you can access the applications' web configurators through the Package Management screen or enter the IP address shown in the GUI in your web browser.

ackage Manage	ment				
Retrieve list From Internet	Il/Upgrade Uninstall/Cance Installation	El Enable Disable Pac I	kage nfo		
<u>Status</u>	Package Name 🔺	<u>Requires</u>	<u>Version</u>	Description	<u>Management Page</u>
Built-in	BackupPlanner		001zypkg006	Use this to schedule and run backup jobs for files stored in your NSA to an internal drive, external storage device or to another NSA in the network.	Protect > Backup Protect > Restore
Not Installed	DyDNS		001zypkg004	This gives your NSA a domain name with a dynamic IP address.	
Enabled	Gallery	PHP-MySQL-phpMyAdmin	2.3zypkg003	This web-based application allows your NSA to host pictures. Use the NSA administrator credentials to log in. The administrator can then create accounts for other users.	http://10.59.1.52/pkg/gallery
Not Installed	NFS		1.1.4zypkg003	NFS (Network File System) is a file-sharing protocol most commonly implemented on Unix-like systems.	
Enabled	PHP-MySQL-phpMyAdmin		1.0zypkg004	This tool can be used to manage MySQL through the web. Enter 'root' as the username and '1234' as the password to log in.	http://10.59.1.52/pkg/phpmyadr
Not Installed	SMART		5.39zypkg004	Use S.M.A.R.T. (Self Monitoring, Analysis, and Reporting Technology) to monitor hard disks. It notifies you ahead of time of any issues that can result to the hard disk's noor cerformance or	

Figure 49. Applications' link.

#### 3.1 Gallery

Gallery is a web-based application that allows NSA325 to host photos. You can upload photos in the local computers or stored in NSA325. Use the administrator account of NSA325 to log in to the Gallery GUI.



← → C ▲ ③ 10.59.	.52/pkg/gallery/main.php		<u>ک</u>	2
Galler				Â
Gallery		Login R	egister	-
Search the Gallery	Gallery This is the main page of your Gallery	Date: 03/31/2009 Owner: Gallery Administrator		
	This album	is empty.		
				Е

Figure 50. Enter Gallery GUI.

← → C ♠ ©	10.59.1.52/pkg/gallery/main.php?g2_view=core.UserAdmin&g2_subView=core.UserLogin&g2_return=%2Fpkg%2Fgallery%2Fmain.ph
Gallery	
Gallery	
User Options	Login to your account
& Register	Username
	Password
	Lost or forgotten passwords can be retrieved using the recover password page
	Login Cancel
GALLERY 2	

Figure 51. Use Admin account to log in.

← → C ☆ ③ 10.59	.1.52/pkg/gallery/main.pl	np?g2_view=core.Ite	mAdmin&g2_subView=	core.ItemAdd&g2_	itemId=7&g2_addPlugin=Iten	nAd
Gallery						
Gallery						
Options	Add Items					
Add Album	From Web Browser	From Web Page	From Local Server	Gallery Remote	Upload Applet	
Edit Album Context Album Context Album Comments	Transfer files that are all accessible directory. If yo	eady on your server ou're on Unix this me	into your Gallery. The file ans that the files and the	es must already have e directory the files a	e been uploaded to your server are in should have modes of at I	son eas
	Shares : admin 💌	S				
WSC XHTML 1.0	Find File public video photo music admin					

Figure 52. Upload photos from NSA325.



New Commence	leas	and must be placed in an accessible directory. If you're on Unix this means that the file least 755.							
	Dire	ctory: /photo File name	Туре	Size	Use Symlink				
	<b>v</b>	IMG_0063.JPG	Photo	5961162 bytes					
	$\checkmark$	IMG_0066.JPG	Photo	5904765 bytes					
	•	IMG_0069.JPG	Photo	5919973 bytes					
		IMG_0086.JPG	Photo	5737059 bytes					
		IMG_0087.JPG	Photo	6099382 bytes					
		(Un)check all kr	nown types	(Un)check symlinks for selected items					
	Copy base filenames to: I Title I Summary Description								
	I numphalls								
	thumbhail once and save it, but if you create them at upload time it makes viewing albu upload time.								
	✓ Create thumbnails now								

Figure 53. Add selected files.

|--|



Figure 54. Uploaded photos.



## 4. Dropbox

Dropbox has provided files backup service. You create account for Dropbox (https://www.dropbox.com), it's will give you 2G cyberspace for files backup. The NSA325 will automatic to get files from Dropbox server.

#### **Configuration Procedure:**

- Enter Username and password
- Enable Dropbox service.
- Configure the account Dropbox account information.
- Link your NSA325 with your Dropbox account.

First, on NSU main page and log into the Dropbox service for NSA325, go to Applications > Dropbox. Then, enable Dropbox service.

				<b>?</b> ×
	Server Name: IP Address: MAC Address: Firmware Version: Status: Capacity:	NSA325 10.59.1.52 c8:6c:87:03:a6:c4 V4.30(UZC.0)b4 Online Total: 1833.30 GB		
NSA325 (10.59.1.52) NAS Seeker		Used: 0.72 GB	Free: 1832.57 GE	3
My Tools	Network Drive Shared Fold	er BT Download	ropbox	_



Figure 55 NSU main menu.

Figure 56. Enter the username and password.

After you enable Dropbox service, the browser is going to link to Dropbox website. In the meanwhile, please make sure you have Dropbox account information.

After configuring the account information, system will warn you that the connection to Dropbox. In the following popup browser, you need to authorize the connection between your account and your NSA325.

Log in	marcapie@ymail.com Processer in out
Log in to Dropbox	Back to home
Email   Password Remember me Forgot password?	Image       Image         Im

Figure 57. Log into Dropbox.

**Figure 58**. Authorization between your account and NSA325



After allowing the agreement in Dropbox page, please also press the "Get ready" button in NSA325.

ZyXEL				Language: English	• ? • • <b>•</b> •
Status	Status				
	Status	Disabled			
E-NSA325	Name	N/A			
Server Name	Email	N/A			
-Date/Time -Storage -Volume	Date/Time Storage Capacity Volume	0.00 Bytes Total	0% (0.00 Bytes) Used 100.00% Free		
E-Network	Configuration				
- TCP/JP - UPP Por - PPPoE - FTP Serve - Media Ser - Download sea - Web Publishin - Broadcatching - Print Server - Copy/Sync Bi - Package - Auto Upload - Fickr/You - Fir Upload - Dorpbox - Sharing - Users - Crowns	₽ No When	te: you've given the NSA permissic	on to connect to your account on the Dropboo Ceet Ready	x website, click the "Get Ready" button.	
	😑 Message	Ready			

Figure 59. Press "Get Ready".

You can check the service status in NSA325 under Applications > Dropbox. In this case, we can see the storage status in your Dropbox account.

ZyXEL				Language: English	Z ? B A C
	Applications - Dropbox				
Status	Status				
E-NSA325 System Setting	Status Name Email	Receving file/folder from Dropbox tunnel.	Logout		
Date/Time	Capacity	0.08% (1.60 MB) Used			
-TCP/IP	Configuration				
- PPPoE	🗹 Enable Dropbox				
- Applications - FTP Server - Media Server	Note: The default directory is in	admin/Dropbox/FromDropbox.			
— Download Ser — Web Publishir — Broadcatching			Apply		
– Print Server – Copy/Sync Bu – Package					
E-Auto Upload Flickr/You FTP Upload					
- Dropbox - Sharing - Users					
Croune	🥃 Message 🛛 🛛 🦷 Rea	ady			

Figure 60. Monitor the service status.



The NSA connects to Dropbox and copies files in the Drop2NAS folder to the NSA's admin\Dropbox\FromDropbox folder and empties the Drop2NAS folder.

The NSA initiates connections to the Dropbox server so you do not need to configure rules on a firewall in front of the NSA to allow access to the NSA.

When your PC has installed the Dropbox, you can upload files to Drop2NAS folder, then NSA will get files from Dropbox server.

Note: Do not delete the NAS token file as it is needed for your NSA to work with the Dropbox Account.

Control Drop2NAS     V      Search Drop2NAS     V									
File Edit View Tools F	Heip								
Organize 🔻 🔚 Preview	Organize 🔻 🔀 Preview Print Burn New folder 🛛 🔠 🔻 🗍 🔞								
🁌 Music	*	Name	Date modified	Туре	Siz				
Pictures		羄 Boston City Flow.jpg	9/1/2011 8:49 PM	JPEG image					
Videos		🛜 Costa Rican Frog.jpg	9/1/2011 8:49 PM	JPEG image					
Compto		🖉 NAStoken	9/4/2011 11:16 AM	File					
I and Diek (C)	E	📡 Pensive Parakeet.jpg	9/1/2011 8:49 PM	JPEG image					
DATA (D:)		🛃 Readme_Drop2NAS.pdf	9/1/2011 9:17 PM	Adobe Acrobat D					
	Ŧ	•	III		Þ				

Figure 61. Upload files to folder.

Dropbox			carter.	lai@zyxel.com.tw	Accou	int 🌟 Upgrade
• F	dig Get Started	Files	Q Events	🔏 Sharing	🖗 Help	
X 🖉 What do I do now?	Oropbox »	Drop2NAS				
Embark upon a quest to learn about Dropbox and earn more space!	🔓 Upload 🔩 N	ew folder 🔒	🔥 Show deleted fi	es More V		
	File Name +			Size		Modified
Search your Develow	🔓 Parent fold	er 👘				
- active los propos	🗌 🗐 Boston City	Flow.jpg		331.	81KB	36 secs ago
	🗌 🗐 Costa Ricar	Frogjpg		346.	32KB	35 secs ago
	NAStoken			8 by	tes	Yesterday 11:16 AM
	🔲 🗐 Pensive Pa	akeet.jpg		468.	85KB	35 secs ago
	Readme D	op2W4S.odf		129.	12KB	9/1/2011 9:17 PM

Figure 62. Check files from website.

🐨 🖓 🗢 🚺 « DATA (D:)	Dropbox > Drop2NAS	▼ ♦ Search Drop2	VAS 🔎				
File Edit View Tools Help							
Organize 🔻 Include in I	ibrary 🔻 Share with 💌 Burr	n New folder	E• 🛛 🛛				
J Music	▲ Name	Date modified	Type S				
Pictures	NAStoken	9/4/2011 11:16 AM	File				
Videos	🗾 Readme_Drop2NAS.pr	df 9/1/2011 9:17 PM	Adobe Acrobat D				
🖳 Computer	E						
DATA (D:)							
	+ (	III					

Figure 63. NSA get files from Dropbox server.

						X
🚱 🔵 🔻 📙 « 10.59.1.5	i2 🕨 admir	+ Dropbox + FromDropbox	🔹 🐓 Search	FromDropbax		م
File Edit View Tool	s Help					
Organize 🔻 🛛 Burn	New folde	lf -			1	0
拴 Favorites	*	Name	Date modified	Туре		Size
Nesktop		🖺 Boston City Flow.jpg	9/5/2011 10:54	AM JPEG image		
📳 Recent Places		🔛 Costa Rican Frog.jpg	9/5/2011 10:54	AM JPEG image		
🗼 Downloads		📔 Pensive Parakeet.jpg	9/5/2011 10:54	AM JPEG image		
🌡 Dropbox						
📴 Libraries						
Documents						
Music		1	III			

Figure 64. Check files on NSA.



## 4.1 Using the zDownload Folder

The NSA copies \*.torrent files in the zDownload folder to the NSA's admin\download \torrents folder and automatically starts download them.

Computer 🕨	DATA	k (D:) → Dropbox → zDownload - 4 Sear	ch zDownload	Q
File Edit View Tools H	lelp			
Organize 🔻 Include in libr	ary 🔻	Share with 🔻 Burn New folder		
J Music	*	Name	Date modi	Туре
<ul> <li>Pictures</li> <li>Videos</li> </ul>		Paul.2011.DVDRip.XviD-ALLiANCE.torrent	6/9/2011 2	TORRENT File
👰 Computer	ш	Priest.2011.RS.DVDKip.READINFO.XVID.ACS.HQ.Hive-CM6.0444010.1PB.torrent     Endme_zDownload.pdf	9/1/2011 8	Adobe Acrobat D
DATA (D:)	• •	ст		4
3 items				

Figure 65. Upload torrent files to zDownload folder.

ZyXEL									Language	English	• ? • • • E
	Applicati	ions - Download Service									
Status  NSA325  System Setting	Download Service           Download service allows you to download files from the Internet directly to the NAS.           Image: Comparison of the Compar										
- Server Name - Date/Time - Storage - Volume - Network	Add Active	Preferences Refresh	Select Delete Files	Pause	e Resume Tas	🚺 k Info				Total : [	Downloading :Seeding 223.24 KB /
-UPnP Port Ma	<u>Status</u>				<u>Complete(%)</u>	<u>Seeds</u>	Peers	Download Speed	Upload Speed		Priority
- PPPoE - Telnet Service		Priest.2011.R5.DVDRip.R	EADNFO.XVID.AC3.HQ.		0.13 %	140(13)	14(23) [11,9950]	140.49 KB/s		03:17:20	Auto 💌
Applications     Applications     Applications     Applications     Media Server     Download Sen     Web Publishin     Broadcatching     Print Server     Copy/Sync Bt     Package     Auto Upload     Filter/You     Errb Upload     Drophox     Sharing     Users     Groups		[ www.Torrenting.com ] -	Paul.2011.DVDRip		0.59 %	500(11)	12(23) [11.0040]	82.75 KB/s	-	02:25:50	Auto 📼

Figure 66. NSA get files and download automatically.



## 5.Smartphone APP

Use ZyXEL's zMedia app to play files and manage the NSA from iOS version 3 or later device or Android version 2.1 or later smartphone.

Install ZyXEL's zMedia app from the Apple App Store, Android Market, or www.zyxel.com to play files and manage the NSA from your iOS device or Android smartphone.

## Log into zMedia

**1.**Tap the zMedia icon to open the app and automatically search for NSAs on your network.



Figure 67. zMedia App Icon

2.Select an NSA if you have more than one.



Figure 68 zMedia Automatic Discovery

3 Use the admin user name and password to log in.

	Username admin
	Password
/	✓ Keep me logged in for two weeks
6	

Figure 69. zMedia Login



## 5.1 File Browser

Tap **File Browser** to look through and play files on the NSA.

Figure 70. zMedia File Browser



Tap a share to view its contents.

SIM 己鎖定 🛜 19:39				
File Browser	â	-	File Browser	Â
//nsa325/photo/		//nsa325/musk	e/	
•//nsa325		-//nsa	325	
2011-07-01	>	01_	THE WIND OF CHAN	NG
DSC_0322.JPG		02_	ANNIE'S WONDERL	AN
DSC_0324.JPG		03_	PERHAPS LOVE.MP	3
DSC_0343.JPG		04_	MRS ROBISON.MP3	1
DSC_0697.JPG		05_	THE POWER OF LO	VE
DSC_0698.JPG		06_	GROOVY KIND OF L	.0
				-
Previous	5	1	Previous Next	1



## Network

IPv6

The NSA325 has support IPv6 (Internet Protocol version 6), is designed to increase IP address space and enhance features. You can click **Network > TCP/IP** for further configuration.

ZyXEL			Language: <mark>English</mark>	Z ? B A E
	Network - TCP/IP			
Status	IP Address			Â
- NSA325 - System Setting - Server Name - Date/Time - Storage L Volume - Hetwork - TCP/IP - UPnP Port Ma - PPPod - Telnet Service - Applications - FTP Server - Media Server - Download Ser - Print Server - Media Server - Copy/Sync Ba - Package - Auto Upload - Filcke/You - Filcke/You - Filcke/You - Filcke/You - Filcke/You - Staring - Users - Staring - Users - System - Sy	P Address     Dynamic     Static     IP Address     IP Subnet Mask     Default Gateway     IPVo Settings     DNS     Oynamic     Static     Primary DNS Server     Secondary DNS Server     HTTP (Web Configurator)     Enable Another HTTP Web Con     Port Number:     Note:     NAS will use port 8082 for m     Jumbo Frames	10.59.1.52 255.255.255.0 10.59.1.1 172.23.5.1 172.23.5.2 figuration Port edia streaming.		
Croune	Disabled			
	Carter Ready			

Figure 71. Press IPv6 Settings

IPv6 Settings	
Mode	Auto 💌
Address	Disable
Subnet prefix length	Auto
Default Gateway	Static
	Apply Cancel

Figure 72. You can select Disable / Auto / Static

IPv6 Settings	
Mode	Auto
Address	fe80::ca6c:87ff;fe03:a6c
Subnet prefix length	64
Default Gateway	
	Apply Cancel

Figure 73. Auto will get IPv6 IP address automaticlly



# **Chapter 2 FAQ**

#### 1. What is RAID?

RAID stands for **R**edundant **A**rray of Inexpensive **D**isks. It takes two or more hard disks to achieve greater levels of performance, reliability and/or larger volume of data size.

#### 2. What kind of RAID is supported in NSA325?

NSA325 supports Raid 1, JBOD, or RAIDO.

#### 3. What is the file system supported in NSA325?

Internal file system: XFS (or EXT4). External file system: FAT32, FAT16, EXT2, EXT3 and Reiser FS.

#### 4. Which kind of the multimedia server does NSA325 support?

NSA325 supports Squeeze Center, DLNA server, UPnP AV Server, iTunes Server.

#### 5. Does NSA325 support DLNA media server?

Yes. NSA325 supports DLNA 1.5 compliant media server.

#### 6. What is the feature "Wake On LAN"?

You can turn on the NSA325 through its wired Ethernet connection after enabling Wake On LAN. To use Wake On LAN from a computer on your LAN, install a program such as Wake On LAN EX or other Wake On LAN programs that support sending magic packets. You can also use Wake On LAN from a remote location if the router in front of the NSA325 supports sending magic packets.

	Power Management					
Status	Turn off hard disk(s) 15 minutes					
-Download Ser	Minimum UPS Capacity					
Broadcatching	Minimum UPS Capacity 50 %					
- Print Server - Copy/Sync Bu - Package E- Auto Upload	Note: • This feature will not work now because there is no UPS control cable connected. • The HSA automatically shuts down if the UPS's remaining charge gets down to this level.					
-Flickr/You1	Power On After Power Failure					
E-Sharing	Keep Former Status If the system was on when the power failed, it restarts automatically when the power is restored. If it was off, it stays off.					
Groups	<ul> <li>Always Power On The system restarts automatically when the power is restored.</li> </ul>					
-Maintenance	<ul> <li>Always Power Off The system will not restart after power failure. You must press the power button manually to restart it.</li> </ul>					
-Log Configuration	Power On/Off Schedule					
-SSL - FW Upgrade	Enable Power Control Schedule					
Shutdown	Wake On LAN Setting					
<	C Enable Wake On LAN					
	Apply Reset					



#### 7. Which kinds of video file format are supported by NSA325?

NSA325 supports the following video formats: MPEG-1/MPEG-2, MPEG-4, AVI, DivX, Motion JPEG, Quick Time Video, RealMedia, Ogg, Matroska, ASF, Windows Media Video and ISO. Subtitle is also supported by NSA325.

#### 8. Which kinds of audio file format are supported by NSA325?

NSA325 supports the following audio formats: MP3, Ogg Vorbis, RealMedia, WAVE, Windows Media Audio, Matroska, Monkeys Audio, MP1, MP4, PCM, LPCM, DTS, AC3, Free Lossless Audio Codec, Au, AAC, 3GPP, AIFF, RIFF-based MIDI and Playlist.

#### 9. Which kinds of image file format are supported by NSA325?

NSA325 supports bitmap, JPEG and PNG.

#### 10. Which kinds of web browsers are supported by NSA325?

NSA325 supports Internet Explorer 6.0 and later versions, and Firefox 2.00 and later versions. Currently, NSA325 cannot support Safari now.

