

Single-Bay NAS Server

NAS-1101

User's Manual

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Revision

User's Manual for PLANET Single-bay NAS Server NAS-1101 Rev: 1.0 (September. 2005) Part No. EM-NAS1101

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Chapter 1 Introduction

The typical installation of PLANET NAS-1101 can be completed in less than ten minutes without any additional configuration of other servers or clients on your network. With the features of a compact, economical and powerful storage server, the NAS-1101 fits your SOHO (Small Office or Home Office) or personal requirements. It functions as a file / FTP / Web server and provides an easy way for LAN users to backup data or share files through Intranet and Internet. The embedded BitTorrent client feature brings you the most conveniences to download shared resources from Internet.

1.1 Package Contents

Make sure that you have the following items:

- One NAS-1101
- One AC Power Adapter
- One CD-ROM
- One Quick Installation Guide
- One Accessory pack (Rubber Foot and Screws)

Note: If any of the above items are missing, contact your local supplier for support.

1.2 Features

- Provides a 10/100Mbps Ethernet port (Auto MDI/MDIX) for network connection
- Easy configuration via web interface
- Supports all standard 3.5" IDE HD up to 250GB with EXT3 file format
- Auto Networking Configuration Utility for Windows OS
- Supports CIFS/SMB for Microsoft Network users to easily retrieve files by using "My Network Places"
- Built-in FTP server for user conveniently transfer files
- Built-in BitTorrent client for peer-to-peer file sharing
- Built-in web server allows user to create a personal website
- Unicode support for correct display of different languages
- Compatible with Microsoft Windows systems (SMB, TCP/IP) and Linux/MAC systems (TCP/IP)
- Provides three Pre-defined User levels
- Allows up to five online users of Samba (Concurrently connected) and five online FTP users (Concurrently connected)
- Auto-detect HDD for newly installed HDD
- Provides password security for web management & HDD access

Support Protocol	TCP/IP, FTP, HTTP, SMB
Standards	IEEE 802.3, IEEE 802.3u
LAN Connector	One RJ-45 Interface
LAN Speed	10/100 Mbps

1.3 Specification

LEDs	PWR, LNK/ACT. HDD
System Configuration	Windows Base utility
	Web Browser (Internet Explorer, Netscape)
Dimensions	220 x 60 x 132 mm (W x D x H)
Weight	865g (without HDD)
Supported Hard Disk	Removable 3.5" External HD (ATA)
Operating	Temperature: 0 ~ 40°C
	Humidity: 10 ~ 95%(non-condensing)
Storage	Temperature: -10 ~ 70°C
	Humidity: 10 ~ 95%(non-condensing)
Power Adapter	12V DC, 3A
Regulatory	FCC Class B, CE

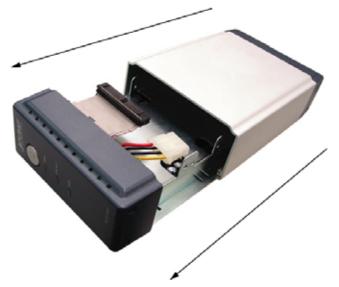
Chapter 2 Hardware Installation

Please refer to the steps below to install your HDD into NAS-1101:

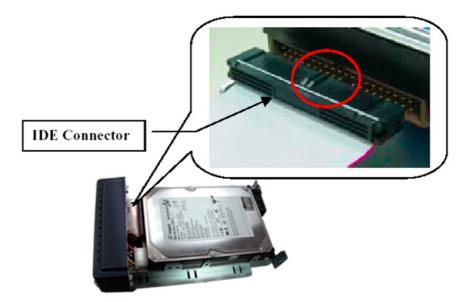
1. Loosing the two screws on the rear panel by screwdriver or hands.



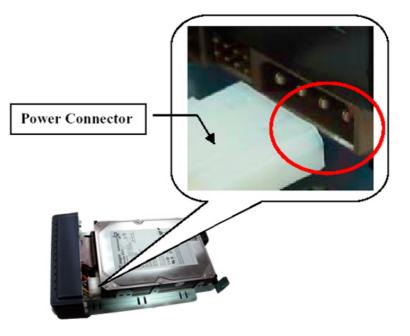
2. Grabbing the front panel and separate the HD holder from case.



- 3. Your HD jumper should be set to Master. Different Hard Disk has different jumper settings; please refer to your Hard Disk manual for correct setting.
- 4. Insert the IDE connector into the IDE socket of the Hard Disk. Make sure the pin 1 on the cable is connected to pin 1 on the HD socket. Pin 1 is the red or pink strip on the edge of an IDE cable. The IDE cables are designed so that it will only go in one way, which will correspond to pin 1.



5. Push the power connector into the power socket of HD as shown. The power cable is designed to go in one way, so you shouldn't have any problems.



- 6. Secure the Hard Disk with the screws we provided.
- 7. Push the Hard disk and HD holder back into the box and secure it with the two screws.

Chapter 3 Setup Wizard

The Setup Wizard guides you to finish the initial installation of NAS-1101, and the basic configurations for Network. Please follow the steps as below.

Note: If you have run the Setup Wizard before and for some reason you need to run the Wizard again, please delete the previously created shortcuts first.

- 1. Insert the CD-ROM into the CD-ROM drive to initiate the autorun program. Once completed a menu screen will appear.
- Click on "Setup Wizard" hyper link to initiate the program. If the menu screen is not shown, you can click the "Start" button and choose "Run". When the box appears, enter "E:\Utility\setup.exe" (Suppose "E" is your CD-ROM drive). You will see the Welcome screen as below. Please click "Next" to continue.



3. Plug the circle end of power adapter firmly into the rear panel of NAS-1101, and the other end into a power outlet. Press the Power button on NAS-1101 and make sure Power LED is light on.

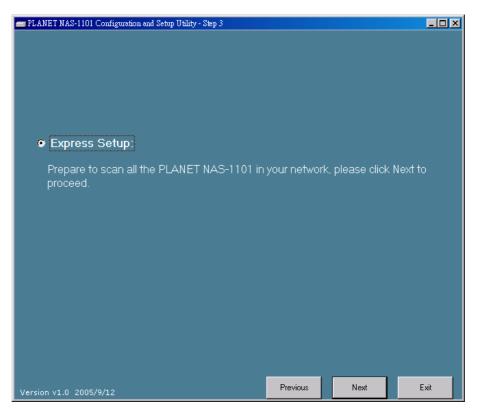


Note: ONLY use the power adapter supplied with the NAS-1101. Otherwise, the product may be damaged.

4. Connect NAS-1101 to your switch or hub and make sure the LNK/ACT LED is light on.



5. Press "Next" to start the scan.



6. The Setup Wizard will scan available NAS-1101 in your network.

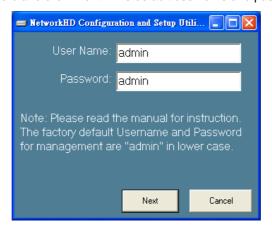
💼 PLANET NAS-110	101 Configuration and Setup Utility - Step 4	
() s	Scan PLANET NAS-1101 for configuration.	
a	Check if this PLANET NAS-1101 can be accessed by your PC.	
	Check the network configuration of this PLANET NAS-1101(not nece: f it is accessible).	ssary
a	Create shortcut on your desktop for management and access.	
Running Statu	tus: Scanning PLANET NAS-1101, please wait	
Version v1.0 200	105/9/12 Previous	Exit

7. The screen will show you the available NAS-1101. Please select the device you want to setup and click "Next" to continue.

No.	Reachable?	Host Name	IP Address	HD Name	HD Capacity	HD Available	HD Used %
)	Yes	NAS-1101	192.168.99.22	ST3250823A	250.1GB	240.36GB	0%
Please select the PLANET NAS-1101 you want to configure and click Next to continue.							
Version v1.0 2005/9/12							

Note: There will be two status of the "Reachable?" field.			
Reachable	Status	Action	
Yes	NAS-1101 network setting is compatible with	Creating two shortcuts to access and	
	your LAN.	setup the NAS-1101.	
No	NAS-1101 network setting is not compatible with	Set a new IP address to NAS-1101 and	
	your LAN.	creating two shortcuts to access and	
		setup the NAS-1101.	

8. If the "Reachable" option is "No", you will see this screen. Please enter the NAS-1101 administrator user name and password and click "Next". The default username and password are both "admin".



 The NAS-1101 installation is completed. This dialog box prompts you that setup wizard will add two shortcuts on you desktop, you can configure more advance settings by click those shortcuts. Please press "OK".

Warning
Network configuration setup complete. 2 shortcuts have been created on your desktop. Shortcut "Setup My Network HD" is the link to WEB pages, "Access My Network HD" is the link to HD shared folders. Please refer to manual for more information and default folder access password.

10. Please click "OK" to open the shortcut or "Cancel" to finish the setup wizard without opening

shortcut.

Warning
Please click OK to open the shortcut and close this program or Cancel to close this program only without opening shortcut.
OK Cancel

11. You will find two shortcuts on your desktop.



You can start to use NAS-1101 or setup further settings by clicking on the respective buttons. **Note 1:** the above two shortcuts are created according to current IP address of NAS-1101. If you change the IP of NAS-1101 afterward, the previously created shortcuts are useless. You must run the Setup Wizard again to create new shortcuts.

Note 2: the Setup Wizard will detect your HD content, but only for the first partition. It is recommended that do not partition the HD.

Note 3: if an unformatted hard disk or no hard disk is installed, users will not be able to access the storage space with following steps. However, you can still proceed with the configuration procedures described in Chapter 4.

To use the storage space of NAS-1101, you can double click on the "Access My Network HD - NAS-1101" icon. A dialog box will pop up and ask for username/password.

100000		
Ciniter private (or	there is parameter in the sector in the sector of the sect	DE:
20000	4	Circer
Extend	last .	
	Date powers Jose name Decement	Contractor Enter productions & parameter the Houseacht Networking Sectorem of The Sectorem Se

There are three pre-defined accounts available:

- all: able to read and write all folders in NAS-1101
- power: able to read and write the folder named "share" only
- guest: able to read the folder named "share" only

The passwords of the above accounts are identical with the account names. For example, the password for account "all" is "all".

Note: As default, the "Share" folder is created automatically in the NAS-1101 and can be accessed by any user. Users that would like to use another set of username/ password after getting access to any folder must log off your operation system and log on again.

For Windows 95, 98, 98SE users, you should add a new user with the username of your operation system.

Chapter 4 Configuration

The NAS-1101 provides a web-based configuration interface and you can simply access it by double click on the "Setup My PLANET NAS-1101" icon on desktop. A dialog box will pop up and ask for username/password. The default user name and password are both "admin".

Enter Netw	vork Passwor	d	<u>?</u> ×
? >	Please type yo	ur user name and password.	
খ	Site:	192.168.1.1	
	Realm	Network HardDisk	
	<u>U</u> ser Name		
	<u>P</u> assword		
	\Box Save this p	password in your password list	
		OK Can	cel

4.1 Home

On this screen, you can see the general information of your NAS-1101 including Host Name, IP address, and Firmware Version. You can also access other configuration screens here.

0	PLANET Interning & Communication	Single - bay NAS Server		
Home	Networking Adr	ninistration Share FTP P2P Web Server		
St	atus			
	Host Name:	NAS-1101		
	IP Address:	192.168.99.22		
	Version:	v1.00(09-12-2005)		
Co	onfiguration Networking			
	network setting			
	Contracting and a strength of the second	Idress Superuser/Password IP Filter MAC Filter		
	Administration			
	system setting			
	→ Restart System HD Format Factory Default Reset Firmware Upgrade System Time			
	Character Set			
	Share			
	users and folders acc			
	→ User Configuratio	n Folder Configuration		

Options	Description		
Status			
Host Name	The identification of the NAS-1101 showing on the "My Network Places".		
IP Address	IP Address of this NAS-1101.		
Version	Firmware version.		

If you click on the "Click here for more information..." hyper link, the screen will show you the current device status as below.

	I e	Single - bay NAS Server	
	rking Adminis	stration Share FTP P2P Web Server	
Status			
Ho	st Name:	NAS-1101	
10.777	Address:	192.168.99.22	
HD	used(%):	0.01 % (246G)	
Up	-time:	1 hour 11 minute	
Ver	sion:	v1.00(09-12-2005)	
	nba Users:	0	
	PUsers:	0	
Un	icode Loaded:	No	
		Back	
Options	Description		
Host Name	The identification of the NAS-1101 showing on the "My Network Places".		
IP Address	IP Address of this NAS-1101.		
HD used (%)	The usage percentage of HDD.		
Up-time	The estimate time of system operating period.		
Version	Current firmware version.		
Samba Users	The number of u	sers who is accessing the NAS-1101 from "My Network Places".	
	You can have ma	ax five online users to access NAS-1101 at the same time.	
FTP Users	The number of u	sers who is connected to NAS-1101 by FTP session. You can have	
	max five online u	isers to access NAS-1101 at the same time.	
Unicode Loaded	This field indicate	es the Unicode is loaded or not. For instructions of Unicode	
	installation, pleas	se refer to "Character Set" under "Administration" category.	

4.2 Networking

In this category, you can setup the networking configurations of NAS-1101.

) [P	PLANET Single - bay NAS Server
me	Networking Administration Share FTP P2P Web Serv
Net	tworking
	Host Name Setting
	PLANET NAS-1101 Host Name Setting
	IP Address Setting
	PLANET NAS-1101 IP Address Setting
	Superuser/Password Setting
	PLANET NAS-1101 Superuser/Password Setting
	IP Filter
	Check if IP address is legal to access through SAMBA and FTP
	MAC Filter
	Check if MAC address is legal to access through SAMBA and FTP

4.2.1 Host Name Setting

PLANET References a Communication		Single - bay NAS Server
me	Networking Ad	dministration Share FTP P2P Web Server
Net	working - Host Nam	ne j
	Host Name:	aracter, control character and "'" are not allowed.
	Work Group:	WorkGroup
	Description:	PLANET Office Use

Parameters	Description
Host Name	Identification of NAS-1101 represents on "My Network Places".
Work Group	The name of the workgroup which NAS-1101 is located.
Description	Brief description of the NAS-1101.

4.2.2 IP Address Setting

		Single - bay NAS Server		
Home	Networking Admir	nistration Share FTP P2P Web Server		
Netwo	rking - IP Address			
	Please provide IP Addre	ess, Subnet Mask and Gateway.		
	DHCP Enable:	O Yes ⊙ No		
	IP Address:	192.168.99.22		
	Subnet Mask:	255.255.255.0		
	Gateway:	192.168.99.253		
	DNS Server:	168.95.1.1		
		Apply Cancel Back		
Parameters	Description			
DHCP Enable	Enable DHCP for	or NAS-1101 obtaining network settings automatically. However,		
	you must ensure	e there is a valid DHCP server in LAN.		
	Disable DHCP,	then the following settings must be manually configured.		
IP Address	Designate the NAS-1101's IP Address. This IP Address should be unique in your			
	network. The de	afault IP Address is 192.168.1.1 .		
Subnet Mask	Specify a Subne	Specify a Subnet Mask for your LAN segment. The default value is 255.255.255.0.		
Gateway	Specify the gate	way IP in your network.		
DNS Server	This is the ISP's	DNS server IP address that they gave you; or you can specify your		
	own preferred D	NS server IP address.		
	•			

4.2.3 Superuser/Password Setting

This page allows you to change the username and password which are used to access the web interface of NAS-1101. Please do not confuse this screen with the following "Share" screen. The user account created in "Share" screen is for access the storage space of NAS-1101. You should not grant web access privilege to common users.

	LANET	Single - b	ay NAS	s ser	V6 ľ
Home	Networking Adminis	stration Share	FTP	P2P	Web Server
Net	working - Superuser Setti	ing			
	Please provide superuser change username and pas and password (between 4- name and password to ens Superuser name:	sword to ensure secur 16 characters each). P	ity. Please prov	ide a superu	iser name
	Old Password:	•••••			
	New Password:	•••••			
	Confirm Password:	•••••			
		Apply Cancel	Back		

Parameters	Description
Superuser name	The administrative user name to access the web interface of NAS-1101.
Old Password	Enter the old password here.
New Password	Enter the new password here.
Confirm Password	Please enter the new password here again to confirm.

4.2.4 IP Filter

The IP Filter feature provides access management by IP addresses. There are three modes for configuration:

Disable: the IP Filter is disabled, and all sessions would be allowed.

Allowed: only the clients with IP addresses configured in the table below can access the NAS-1101.

Denied: the clients with IP addresses configured in the table below are not allowed to access the NAS-1101.

PLA Networking &	NET	Singl	9 - Day	NAS S	Serva	17
ome N	etworking	Administration	Share	FTP	P2P W	eb Server
Networ	king - IP Filter	k.				
	Che	eck IP if allowed or dis	sallowed to acco	cess through S	AMBA and F	TP.
		IP Access Check		Allowed V Disable Allowed		
	IP	Address 1	192.168.99.44	Denied		
	IP.	Address 2				
	IP	Address 3				
	IP.	Address 4				
	IP	Address 5				
	IP.	Address 6				
	IP	Address 7				
	IP.	Address 8				
	IP	Address 9				
			-			

4.2.5 MAC Filter

The MAC Filter feature provides access management by MAC addresses. There are three modes for configuration:

Disable: the MAC Filter is disabled, and all sessions would be allowed.

Allowed: only the clients with MAC addresses configured in the table below can access the NAS-1101.

Denied: the clients with MAC addresses configured in the table below are not allowed to access the NAS-1101.

		le - bay NAS Server
Networki	ng Administration	Share FTP P2P Web Server
Networking - M	AC Filter	
	s allowed or disallowed to a xx:xx:xx:xx:xx:xx MAC Access (access through SAMBA and FTP. Check Disable v Disable
	MAC Address 1	Allowed 00:30:4F: Denied
	MAC Address 2	
	MAC Address 3	
	MAC Address 4	
	MAC Address 5	
	MAC Address 6	
	MAC Address 7	
	MAC Address 8	
	MAC Address 9	
	MAC Address 10	

4.3 Administration

In this category, you can manage the NAS-1101 with some useful tools.

	Single - bay NAS Server			
Networking	Administration Share FTP P2P Web Server			
Administration				
System Re	start			
Reboot PL	ANET NAS-1101			
HD Format	HD Format			
Format PL	ANET NAS-1101			
Factory De	fault Reset			
Restore Pl	LANET NAS-1101 to factory default configuration			
Firmware L	Jpgrade_			
Upgrade P	LANET NAS-1101 firmware			
System Tir	ne			
Adjust the	system time			
Character	Set			
Support th	e correct code pages in SAMBA for character set			

4.3.1 System Restart

PL	ANET Single - bay NAS Server
Home	Networking Administration Share FTP P2P Web Server
Admi	nistration - System Restart
	Do you want to restart the system ? Yes No
	It may take several minutes. Please wait and ensure a safe operating environment.
	Note: When the reboot is completed, it will return to the "Home" page.
Parameters	Description
Do you want to	o restart If you want to restart this NAS-1101, please press " Yes ", or press " No " to back to

this system? pervious page.

4.3.2 HD Format

When you see this massage "**HD Unable to use**" showing on the "**HD used (%)**", it means either your hard disk is a brand new unformatted one or its format is not EXT3. You have to format this hard disk or replace it with another one with EXT3 format.

Caution: All partitions on your HD will be format and all your DATA will be erased.

		Single - bay NAS Server					
Home	Networking	Administration	Share	FTP	P2P	Web Server	
Adn	ninistration - HD	Format					
	It supports only	t to format HD ?					
	Note: When the	HD format is complete	d, it will return to t	he "Home"	page.		
Parameters	Desc	ription					

Do you want to format If you want to format your HD, please press "**Yes**", or press "**No**" to back to HD? previous page.

Note: Please wait until the format process completed. Do not power off the system or close the browser.

After the format process complete, the system will restart automatically.

4.3.3 Factory Default Reset

PLANET Networking & Communication		Single - bay NAS Server					
lome	Networking	Administration	Share	FTP	P2P	Web Server	
Adn	ninistration - Fa	ctory Default Rese	t			1	
	Do you wan	t to reset to factory	/ default ?	Yes No			
		eral minutes. Current co l ensure a safe operatino		pe lost.			
	Note: When the	reset is completed, it w	vill return to the	"Home" page	e.		
arameters	Desc	ription					

Do you want to reset If you want to reset NAS-1101 back to factory default settings. Please press to factory default? **"Yes**", or press "**No**" to back to previous page.

Note: besides software reset, you can also press the DEFAULT button on the rear panel of NAS-1101 for 10 second. And then wait for a while for NAS-1101 to restart with factory default settings.

4.3.4 Firmware Upgrade

PLANE Retworking & Communic	T Single - bay NAS Server
Home Netwo	orking Administration Share FTP P2P Web Server
	ion - Firmware Upgrade se input the file name with full path: Browse Apply Reset Back
Parameters	Description
Firmware upgrade	If you have the latest firmware of NAS-1101, you may enter the firmware path into
	this field or press "Browse" to find out the firmware location and press "Apply"
	to upgrade. If the firmware location is wrong, please press "Reset" to enter again.
	If you don't want to upgrade, press "Back" to previous page.

4.3.5 System Time

	NET Single - bay NAS Server	
Home Ne	tworking Administration Share FTP P2P Web Server	
Adminis	tration - System Time	
	Time Zone	
	Use Local Time Fri Jun 25 23:12:57 xxx 2004 Time Sync	
	Clicking Time sync will restart the network daemon such as SAMBA and FTP	
	Time Server Intp0.fau.de Save Back	
Parameters	Description	
Time Zone	Please select the time zone of your country	
Use Local Time	Press 'Time Sync" button, the NAS-1101 will synchronize its time with your P	C.
	Before this procedure, please make sure the time on your PC is also correct.	
Use Time Server	If this NAS-1101 is connected to Internet already, you may select this option	to
	set it check the system time with Internet time server. You can change the tir	ne

server address or keep use the default setting and click "Save" button to apply.

4.3.6 Character Set

Unicode is work for being compatible with most fonts around the world thus prevents errors from fonts difference. To install Unicode, insert the CD-ROM we provide, click the "Browse" icon, click on your CD-ROM drive, open the folder "Unicode" and select the file "ntx_chset.h", click open to browse the file then click Save to enable.

Note: Please don't delete or do any modification on the file.

	PLANET	Sing	lə - Da	I <mark>y na</mark> s	s <mark>Ser</mark> i	ver	
Home	Networking	Administration	Share	FTP	P2P	Web Server	
Adı	ministration - Ch	aracter Set					
	Charac	ter Set File:	Back		Brov	vse	

4.4 Share

In this option, you can set the user and folder configuration for user login and access data.

PLANET Networking & Communication		Single - bay NAS Serve					
Home	Networking	Administration	Share	FTP	P2P	Web Server	
Sh	are					ī	ļ
	User Con	figuration					
	PLANET	NAS-1101 User Setting					
	Folder Co	nfiguration					
	PLANET	NAS-1101 Folder Setting					

4.4.1 User Configuration

In this category, you can Add/Delete/Modify the user account. Before operate, please make sure the installed HD was formatted. If the installed HD does not format yet, the operation in this page may be wrong.

PLAN Networking & Commu	ET nicaSon	Single	- bay N	ls serv	8 7
Home Netw	vorking Adr	ninistration	Share FTP	P2P	Web Server
Share - Us	er Configuratio	on			
Samba	Users				
powe Samba	er □ gu & FTP Users	B est □			
	3				
		Add Dele	te Back		
Note:	Click "Delete" to	remove the user y	is allowed to acces ou select from the li ser name, password	ist.	É

4.4.1.1 Modify Users

If you want to modify the existing user, please click the user icon in Basic User or Advanced User field.

Then you will see the screen below.

Netw	orking Administration	Share FTP	P2P Web Server
are - Us	er - "all" configuration		
	User Name:	all	Change Name
	New Password:		
	Confirm Password:		
all	User Description:	all account	
	FTP Access:		
	Apply	Undo Back	

User Name For existing user, you may click "Change Name" button to change the user name.

New Password If you want to set a new password of this user, please enter the new password here.

Confirm Password	Please enter the new password here again.
User Description	Please enter a simple description of this user.
FTP Access	Allow this user to access NAS-1101 via FTP protocol or not.

4.4.1.2 Add User

If you want to add a new user, please click the "Add" button on the screen in section 4.4. Then you can see the screen below for adding new user.

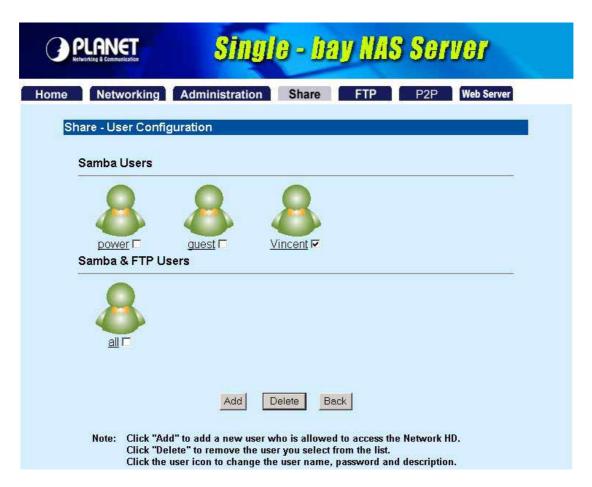
PLAN Networking & Comm	et Singi	0 - []8]	y NAS	s sei	ver
ome Net	working Administration	Share	FTP	P2P	Web Server
Share - Ad	dd User				
Notes:	If the user can use FTP at the sam	ne time, don't u	se usernai	ne as your j	assword.
Notes:	If the user can use FTP at the sam User Name:	ne time, don't u	se usernai	ne as your j	assword.
Notes:		ne time, don't u	se usernai	ne as your j	oassword.
Notes:	User Name:	ne time, don't u	se usernai	ne as your j	assword.
Notes:	User Name: New Password:	ne time, don't u	se usernai	ne as your j	oassword.

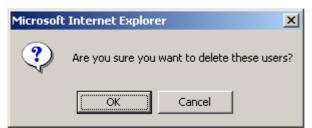
Parameters	Description
User Name	Please enter the name for this user
New Password	Please enter a password of this user.
Confirm Password	Please enter the password here again.
User Description	Please enter a simple description of this user.
FTP Access	Allow this user to access NAS-1101 via FTP protocol or not.
Apply	After finish the user configuration, please press this button. You will see a screen
	to prompt you this user is a limited user for all folder. You may click "Click Here!"
	hyper link and refer to section 4.4.2 to configure the folder configuration for this
	user.

	OPLANET Single - hay NAS Server
	Home Networking Administration Share FTP P2P Web Server Notice Notice Your change was succeeded! This new User "Vincent" default limit is a Limited User for all Folders. If you want change this new User's limits of authority, please Click Here!
Undo	When you want to clear the settings, you can press this button.
Back	Press this button for back to previous page.

4.4.1.3 Delete User

If you want to delete the user account, please click the check box under the user name in the User Configuration screen, you may see the "**Delete**" button become available. When you press "**Delete**" button, you may see a dialog box to prompt you the user will be deleted, press "Yes" to delete this user. If you want to delete two or more users, you can click the check box of those users to delete them at the same time.





4.4.2 Folder Configuration

In this category, you can Add/Delete/Modify the shared folder.

		Singl	9 - Day	NAS Ser	ver
Home Net	working	Administration	Share F	TP P2P	Web Server
Share - F	older Con	figuration			
	Share	2	Share to All		
	WEB		WEB		
Note:	Click "De	Add D d" to add a new folder. lete" to remove the fold folder icon to change th			uthority.

4.4.2.1 Modify Folder

If you want to modify the folder configuration, please click the folder icon. Then you will see the screen below.

PLAN Networking & Comm	ET	Single - h	bay NAS Server
Home Net	working Admini	stration Share	FTP P2P Web Server
Share - Fo	older - "WEB" limits	s of authority	
	Folder Name:	WEB	Change Name
WEB	Folder Description:	WEB	Change Description
O No a O Only	entication Free Acce ccess for all users Read access for all d/Write access for all	users users	Read only ⊂ Read&write
8	wer		Read only C Read&write
<u>&</u> al	1	C Non-access	C Read only C Read&write

Parameters Description

Change Name

If you want to change the folder name, please press this button. After press this **button**, you will see the screen below. Please press "Apply" to save the settings.

me	Networ	king Administration	Share FTP	P2P Web Server
SI	nare - Folde	r Configuration		
		Old Folder Name:	WEB	
		New Folder Name:		-

NOTE: The default folder "Share" can't be changed.

Change Description

If you want to change the folder description, please press this button. Please press "**Apply**" to save the settings.

10	Networkin	g Administration	Share FTP	P2P Web Server
Share	- Change	Folder - "WEB" descrip	tion	
		Folder Name:	WEB	
1000	EB	Folder Description:	WEB	

Please set user's limit You may set the privilege for each user or set the same setting to all users by

for this folder	selecting upper options.
Apply	Press this button to save the changes.
Undo	Click to clear the current settings.
Back	Press to back to pervious page.

4.4.2.2 Add Folder

If you want to add a new share folder, you may press the "Add" button in the screen above. Then you will see this Add Folder screen.

	Single - bay NAS Server
Home Networl	king Administration Share FTP P2P Web Server
Share - Add F	older
	Folder Name:
	Folder Description:
	Apply Undo Back
Parameters	Description
Folder Name	Please set a name to this share folder. The folder name will be shown when the
	user access NAS-1101.
Folder Description	Please set a simple description for this folder.
Apply	Please press this button to create this new folder.
Undo	Click to clear the current settings.
Back	Press to back to pervious page.

After press "Apply", you may see this screen to ask you to define the user accessibility.

PLAN	ET	Single - bay N	AS Server
me Netw	orking Admini	stration Share FTP	P2P Web Server
Share - Fo	lder - "PLANET" li	mits of authority	L
	Folder Name:	PLANET	Change Name
PLANET	Folder Description:	PLANET Office Share	Change Description
O No ac O Only F	ntication Free Acce cess for all users Read access for all Write access for all	users	
		C Non-access	nly CRead&write
8 pov	ver	● Non-access ● Read or	nly ORead&write
8gue	est	O Non-access	nly ORead&write
		Apply Back	

Parameters	Description
Change Name	If you want to change the folder name, please press this button.
Change Description	If you want to change the folder description, please press this button.
Please set user's limit	You may set the privilege for each user or set the same setting to all users by
for this folder	selecting upper options.
Apply	Please press this button to create this new folder.
Back	Press to back to pervious page.

4.4.2.3 Delete Folder

Click the check box in front of the folder name, then the "**Delete**" button will become available. Please click this button to delete the folder you selected. You will see a dialog box appear to prompt the folder will be deleted, press "**OK**" to continue.

0	PLA	NET		Single) - bay NAS Ser	vor	
Home	N	letwor	king Adı	ministration	Share FTP P2P	Web Server	
SI	hare -	Folde	r Configura	ation			
			<u>Share</u>		Share to All		
			<u>WEB</u>		WEB		
	•		PLANET		PLANET Office Share		
Add Delete Back Note: Click "Add" to add a new folder. Click "Delete" to remove the folder you select from the list. Click "Delete" to remove the folder name, description and user authority.							
	Microsoft Internet Explorer Image: Comparison of the sector of the s						

4.5 FTP

NAS-1101 provides a FTP server for remote access from Internet.

LANET arting & Communication	Single - bay NAS Server					
Networking	Administration	Share	FTP	P2P	Web Server	
FTP Conf	iguration					
FTP Con	figuration Setting					
	FTP Conf	Networking Administration	Networking Administration Share	Networking Administration Share FTP	Networking Administration Share FTP P2P	FTP Configuration

4.5.1 FTP Configuration

To setup this configuration such as user limitation, sever port number, length for time out and anonymous user restriction, click FTP Configuration.

PLAN Networking & Com	IET SII	gle - b t	ay NAS Sel	7VG 7		
Home Net	working Administrati	ion Share	FTP P2P	Web Server		
FTP Cont	figuration					
Notes	s: 1. The maximum numbe 2. The port number is be					
	Maximum Unit Number:	5				
	Port Number:	21				
	Timeout:	15	Minutes			
	Allow Anonymity:	O Yes ⊙ No				
	A	pply Cancel I	Back			
Parameters	Description					
Maximum Unit Nu	mber Please enter the n	nember number	. Maximum member r	number is 5.		
Port Number	Enter the FTP Por	t number. Defau	Ilt port number is 21.	If you want to disable		
	FTP function, plea	FTP function, please leave it blank.				
Time Out	Enter the time leng	gth you want. D	efault is 15 minutes.	f you leave it blank, the		
	time out function v	vill be disabled.				
Allow Anonymity	Choose " Yes " to e	nable or " No " to	disable anonymous	user login.		
Apply	Please click this b	utton to save the	e settings.			
Cancel	Discard the chang	es.				

4.6 P2P

Back

NAS-1101 has an embedded BitTorrent client for Internet peer-to-peer downloading. To start a download session, you must:

1. Get a Torrent File: The BitTorrent download is triggered by Torrent files (formatted as "XXX.torrent").

2. Save those Torrent files in a folder within the NAS-1101. For example, create a folder which named "P2P" in the device. Place those Torrent files in the P2P folder.

3. Create a folder in the NAS-1101 to place the data you are going to download. Please note that the folder should be within the folder that contains the Torrent files. For example, create a folder named "BT" in the "P2P" folder".

4. Start downloading. For detail configuration, please find the instructions below.

Press to back to pervious page.

Note:

All users of this device are warned against illegal downloading of copyrighted materials. The P2P

embedded functionality is provided for downloading authorized files only. Downloading or distribution of unauthorized materials may result in severe civil and criminal penalty. Users of this device are subject to the restrictions of the copyright laws and should accept all the consequences.

		Singl	e - bay NA	IS Sei	rver
Home	Networking	Administration	Share FTP	P2P	Web Server
P2	P				
	BitTorren	Configuration			
	and the second se	Configuration Setting			
	Download	Configuration			
	Download	Configuration and Status	3		

4.6.1 BitTorrent Configuration

The configuration of BitTorrent can be setup here, fill in the settings in each blank then press apply to activate.

	NET SIIII	le - bay NAS Server				
	etworking Administration	Share FTP P2P Web Server				
Not		ord the download data when something happens.				
	Enable BitTorrent:	C Yes C No				
	ownload Folder: PLANET					
	BitTorrent Configuratin File					
	Max Active Torrent Number					
	Scheduler:	C Yes No				
	Start:	Everyday Hour: 0 Minute: 0				
	End:	Everyday 💌 Hour: 0 Minute: 0				
	Apply	Cancel Back				
Parameters	Description					
Enable BitTorren	t Choose Yes to enable	BT download.				

Download Folder Choose the folder that contains the subfolder where you place the Torrent files.

	Note: To download successfully, please make sure that the torrent files and
	the folder for restoring downloaded data to be in the same folder. (For
	example, if you place those Torrent files in folder "P2P", the folder "BT" for
	placing downloaded data should be also in the folder "P2P".
BitTorrent Configuration	You can specify any name for the file. The file is for recording the download
File	information, which helps to resume interrupted download.
	Note: Please don't delete the file after downloading.
Max Active Torrent	To set the numbers of Torrent files to be activated at the same time. A number
Number	within 10 is allowed.
Scheduler	Click Yes to enable the scheduler. The scheduler is provided for users to set
	up the start/end time of BitTorrent functionality.
Start / End	Set the time to start and end BitTorrent download/upload.
	(For example, you can configure the scheduler to start by "Everyday, Hour: 23,
	Minute: 0" and end by "Everyday, Hour: 6, Minute:0" to process BitTorrent
	download/upload from 11:00PM to 6:00AM)
Apply	Please click this button to save the settings.
Cancel	Discard the changes.
Back	Press to back to pervious page.

4.6.2 Download Configuration

This page is provided for users to enact a download task and also shows the downloading information.

e Networking	Administratio	on Shar	re FTP	P2P	Web Server
P2P					
Note: Size(MB) - Tota	l size of downloa	ad files. Unit	is Mega byte.		
Downloading					
Sel Torrent File D/L	(%) Size(MB)	Start Time	Rate(Down/Up)	MAX Rat	e(Down/Up)
Sel Torrent File D/L No downloading files Waiting for downloading D/L		Start Time	Kate(Down/up)	мах ка	e(Down/Up)
No downloading files		Start time	Kate(Down/Up)	мал кат	e(Down/Up)
No downloading files Waiting for downloa		Start Time	Kate(Down/Db)		e(Down/Up)
No downloading files Waiting for downloa Sel File Name			Rate(Down/Op)		e(Down/Up)



The check box for user to select the specified task.

Torrent File	Name and status hyperlink for each torrent file.
D/L (%)	The percentage of downloaded file.
Size (MB)	The data size.
Start Time	The time that download starts.
Rate (Down/Up)	The download/upload speed.
Max Rate (Down/Up)	The maximum download/upload speed.

4.6.2.1 Add a Download Task

- 1. To add a new download task, place Torrent files in the folder you specified as the download folder. Click Add to proceed.
- 2. Select the files to download, and click Next.

	Single - bay NAS Server
Home Networking	Administration Share FTP P2P Web Server
P2P Please select	t the BitTorrent file.
© Final. (Advent_ Note:	F/P2P ler.2003.DVDRip.XviD-AFO.3355550.TPB.torrent Fantasy.VII.DVDRip.XviD-BiEN_ _Children).3382031.TPB.torrent

3. Specify the folder for placing downloaded data and click Next. Please make sure the folder is located in the folder which you stored the Torrent files.

	PLANET WITTING & COMMUNICATION	Singl	0 - Dt	ay NA	s sei	ver	
Home	Networking	Administration	Share	FTP	P2P	Web Server	
P2	1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 -		<i>61</i>				
	Please select	the download fol	der.				
	⊠ Index of / ∟⊴ుం <u>вт</u>	P2P					
	Note: Click "Ne	Next Xt" to continue the con		ack			

4. Check the download parameters and click Apply to complete the procedures.

Torren	t Configuration			1
No	tes: Download options are as folk 1. The value of time to leave 2. Max and min peers count i 3. Max bandwidth for downlo	is an integer le is between 10 a	nd 50.	Kbps.
	Listen Port:	2106		
	Time to Leave:	72	Hours	
	Max Peers Count:	50		
	Min Peers Count:	10		
	Max Download Bandwidth:	128	Kbps	
	Max Upload Bandwidth:	128	Kbps	

Farameters	Description
Listen Port	The port number of the P2P software.
Time to Leave	The allowed time to process a download task. The task will be terminated if the
	time expires.
Max Peers Count	Setup the maximum peers when proceeding upload/download.
Min Peers Count	Setup the minimum peers when proceeding upload/download.
Max Download	The maximum bandwidth used for download tasks.
Bandwidth	

Max Upload Bandwidth The maximum bandwidth used for upload tasks.

5. The proceeding task and the relative information will be shown on the screen below. You can click on the hyperlink of the Torrent file name to check the properties of the task. If you want to terminate a download task, select the task and click the Inactive button. The specified process will be removed immediately.

•	Networking Administration	on Share		FTP	P2P	Web Server
P2F	>					
Not	e: Move the cursor over the items	to get the con	nment.			
Doi	wnloading					
Sel	Torrent File	D/L (%)	Size (MB)	Start Time	Rate (Down/Up)	MAX Rate (Down/Up)
	Stander.2003.DVDRip.XviD- AFO.3355550.TPB.torrent	nar	721	06/25/04 10:37:03	1	128/128
Na	iting for downloading					
Wa Sel	iting for downloading File Name Final.Fantasy.VII.DVDRip.XviD-BiEN					

4.7 Web Server

NAS-1101 provides a simple web server for user to construct a personal website. This website accepts

HTML files only, it does not support ASP or JavaScript.

PLANET Sin	gle - bay NAS Server
Home Networking Administrati	ion Share FTP P2P Web Server
WEB Server Configuration	
Notes: Configuration of WEB Ser 1. Port number must be b 2. WEB folder is the locati "index.html", if it exists. Administrator WEB Server:	
Administration Port:	80
WEB Server: Enable WEB Server:	C Yes € No
	- 100 - 110
WEB Server Port:	8080

Parameters	Description
Administration Port	The Administration port is the port for accessing the Web-based management
	interface. The default setting is 80.
Enable WEB Server	The WEB server allows users to construct a Website by HTML format. Select
	Yes to activate the web server.
WEB Server Port	Specify the port number of this personal website. It ranges from 1-65535.
	Please note do not use the same port number as configured in Administration
	Port.
WEB Folder	Specify the folder where you place the HTML files.

To Access the Personal Web Site

The address for linking the personal web site is the IP address of the NAS-1101 with the port number added after by a colon. For example, use 192.168.1.1:8080 if the IP address of the NAS-1101 is 192.168.1.1 and the port number of the web server is configured as 8080.

Note:

For WAN users to get access to the FTP or WEB server, you should link the NAS-1101 to a router with appropriate configuration. Please make sure that:

1. The NAT functionality is enabled in your router.

2. In the port-mapping session, the "Internal Host IP" should be configured as the IP address of this NAS-1101 and the value of "Port" should be correspond to the port number of the WEB server or FTP server you configured.

3. Before allowing the NAS-1101 to communicate with Internet, we strongly recommend users to add a

Firewall device to secure your network from being invading.

Chapter 5 Troubleshooting

Q1. How to shut down the NAS-1101 properly?

Ans: To shut down the System properly, press the POWER button on the front panel for two seconds until Power LED blinks then go off.

Q2. The Setup Wizard can't configure My Network setting.

Ans:

- ♦ Make sure that your RJ-45 cable is connected to the NAS-1101 and your Switch/Hub.
- Check the LNK/ACT LED of NAS-1101, and make sure that it's light on.
- Check the power of the NAS-1101, Switch/Hub and make sure that they are power on.
- Check your PC's IP address, make sure that it has a static IP or connects with a router with DHCP Client.
- Use DEFAULT button to restore NAS-1101 to factory default and reboot.

Q3. The NAS-1101 can't find my HD and the Home page of Web-based UI display that the "HD unable to use.

Ans: There are some possibilities,

- The HD is broken. Please change another HD
- The HD jumper is not in Master mode. Your HD jumper should be set to Master. Different Hard Disk has different jumper settings; please refer to your Hard Disk manual for more information.
- The HD is unformatted. Please format it with our HD Format tool in Administration.
- ◆ The partition format of HD is not EXT3. Please format it with our Format tool in Administration.

Q4. I use NAS-1101 as a Web/FTP server, but the users outside the LAN can't access it.

Ans:

- Please make sure NAS-1101 is work with a public IP address.
- To use NAS-1101 as a Web/FTP server without fixed IP or domain name, please setup your DDNS and Port Mapping of router (IP Sharing) first. As for the setting, please refer to the DDNS and Port mapping in your router's Manual.

Q5. I can't access the NAS-1101.

Ans:

- Check the LNK/ACT LED of NAS-1101, and make sure that it's light on.
- ◆ Make the PC IP address is in the same IP segment of NAS-1101.
- If there are already 5 users connected to NAS-1101, the system will block other users who want to access. Please check the Samba Users / FTP Users by clicking the "Click here for more

information..." on the Web-based UI.

Q6. I have accessed the HD installed in NAS-1101, but I can't access to the shared folders.

Ans:

- NAS-1101 is base on FAT32 file system. Therefore, the size of a single file is limited to no more than 2GB. However, there is an advantage of FAT32 file system. If the NAS-1101 is crashed due to some unexpected reasons, you can remove the hard drive inside and installed it to any Microsoft operating system. The data in the hard drive still can be accessed as long as the HD is healthy.
- Verify you have the correct username and password.
- For Windows 95, 98, 98SE users, you should add a new user in NAS-1101 with the username of your operation system. Please get access to the management interface. Add a new user, which use the username the same with your operation system. Get access to the HD and double click a folder. Fill in the password to get access to the folder.
- If you have accessed to any folder in the HD and would like to use another set of username/ password for different privilege, please log off your operation system and log on again.

Q7. There are random codes appear in the file name.

Ans: The SAMBA mechanism does not support Unicode. If you are using the Samba mechanism (ex, My Network Places or the "Access my NAS-1101" icon) to access the HD, some special characters may not be displayed correctly. This is the limitation of SAMBA.

It is suggested to access the files with special characters via FTP connection. Use English characters can also prevent the issue.