Altos easyStore Quick Installation Guide

1.1 Packing content:

One Altos easyStore with pre-installed Hard Disk Drives One Power cord One Software Installation CD One DiskSafe Express Recovery CD One RJ-45 Networking cable

1.2 Default Setting

Name	Default Setting
User name	admin
Password	storage
IP Address	192.168.0.101
Subnet Mask	255.255.255.0
DHCP Client	Yes

1.3 Hardware Installation

In order to connect Altos easyStore, perform the following steps:

- 1. Carefully remove the Altos easyStore unit the package.
- 2. Connect an Ethernet cable from your computer directly to the back of the Altos easyStore in Figure 1-2.
- 3. Connect your host computer and Altos easyStore by RJ45 Networking cable in Figure 1-2.
- 4. Power on the Altos easyStore in Figure 1-1.



Figure 1-1: Front Panel



1.3 System Set-up

1. Insert the Installation CD into your CD-ROM drive. If the auto run application shown in Figure 1-3 opens when the CD is inserted, choose the options you want



Figure 1-3: Auto Run Application

- 2. To access the device, your computer will need to be configured to be on the same subnet as the unit. The unit's default IP address is 192.168.0.101 with a subnet mask of 255.255.255.0.
- 3. Open your web browser and type "http://192.168.0.101" in the address bar and press "ENTER".
- 4. When you access Altos easyStore first time, system will display below interface for system configuration. However, if your Altos easyStore comes with pre-installed and configured HDDs, you can skip these steps.

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http://192.168.0.2	49/system initFicei		V 📑 #8:
vstem Initia	alization		
,			
stallation CD and has	a PKG file extension.	are package and click Upload. You can also browse for the file b	y clicking browse. Your firmware package is located on your
you add or remove a	ny disks, click Scan before vou cl	ck Upload.	
JI Language : Lng	giish		
Disks			
Slot	Model	Serial Number	Size
1	•	*	······································
2	25	0	2 <u>1</u>
3			-
4	2	2	4
			Scan
-			
hirmware			
Storage system firm	ware version : fs-ns04 - 1.1-b	325	
Eile come		())))))))))))))	
rienane		81.8	
			Upload Shutdown

Figure 1-4: System Initialization

Note: If you plug-in HDD in system but do not display at this page. Reinstall HDD then click SCAN to search.

5. Click "IE Browser" button and select latest firmware named "xxx.PKG" from the Software CD. Then click "Open" and click "Upload" for uploading system firmware.



Figure 1-5: System firmware

Figure 1-6: System firmware upload

Size = 6975488 Bytes (25%)

; G:\EM-438-20060102\fs-ns04-2.0-20060102 瀏覽....

6. System will start initialization. When system initialization is complete, please turn off browser manually and wait for one minute.

Flash Writing :

Please don't click other pages before the progress is complete.

Flash Writing kernel (0%) Flash Writing system (0%)

Figure 1-7: System firmware upload



Please don't click other pages before the progress is complete.

System is rebooting now, please wait.

Figure 1-8: System firmware upload complete

7. Open your web browser and type "http://192.168.0.101" in the address bar and press "ENTER". You will be taken to the "Welcome Page", click "NEXT"





You are now connected to your storage system.

This wizard will help you configure your storage system. You will give your system a name, set the date and time, configure your network settings, specify the type of disk configuration to use, and indicate how much space to reserve for backups of your local Windows computer disks. After you complete this wizard, your storage system will restart automatically. Click Next to get started!

Next

Figure 1-9: System Welcome Page

8. The "License Agreement Page" appears, check "I accept the license agreement." Then click "Next".

FALCONSTOR SO READ THIS LICEN CLICKING THE "I THE TERMS OF TI DO NOT ACCEPT RECEIVED A PRO LICENSE/OWNER documentation (c FalconStor retain	FTWARE, INC. END USER LICENSE AGREEMENT SE AGREEMENT CAREFULLY BEFORE INSTALLING KEY CODE OR USING THE PRODUCT. BY OPENING THIS PACKAGE, ACCEPT' OR "YES" BUTTON, INSTALLING A KEY CODE OR USING THE PRODUCT, YOU INDICATE YOUR ACCEPTANCE OF HE FOLLOWING AGREEMENT. THESE TERMS APPLY TO YOU AND ANY SUBSEQUENT LICENSEE OF THIS PRODUCT. IF YOU OR AGREE TO THE TERMS OF THIS AGREEMENT, CLICK THE "I DO NOT ACCEPT" OR THE "NO" BUTTON AND/OR IF YOU DUCT, YOU MUST RETURN THE PRODUCT WITHIN TEN (10) DAYS OF RECEIPT WITH PROOF OF PAYMENT TO FALCONSTOR. SHIP. FalconStor Software, Inc., ("FalconStor") grants to you a non-exclusive license to use the Software and accompanying ollectively the "Product") in the manner described below.
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I accept the I	icense agreement.
	ana tan 19 🖉 (ana tan 1991)

Figure 1-10: End User Software License Agreement Page

9. The Host Name page appears. Click "Next" to accept the default name (NetworkStorage), or enter a desired name for Altos easyStore. The Host name can be up to 15 characters long and can include letters, numbers and hyphens.

System Setup : Ho	st Name	
What name would you like to use f	r your storage system?	
Storage system name :	NetworkStorage	
		Next

Figure 1-11: System Host Name Page

10. At the next step, configure your local "Date/Time". When you are done with the setting, click "Next"

ase specify the o	currer	it date and time	
Date	8	10 🗸 / 11 🖌 / 2006 🗸 (Month / Day / Year)	
Time	į [17 💌 : 40 💌 : 36 💌 (Hour : Minute : Second)	
Time zone	:	(GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London 💌	

Figure 1-12: Setup Date/Time Page

11. Setup "Network Setting". Choose "Get an IP address automatically" (If you have DHCP server) or use the default IP 192.168.0.101. When you are done with the setting, click "Next"

you have a erver, you m	DHCP server on your network, this server can get its IP address from that DHCP server automatically. If you don't have a DHC ust use the default IP address or specify a different one.
your netwo	rk uses a different subnet mask, you can change the one shown here, but in most cases you can use the default subnet mask.
۲	Get an IP address automatically
0	Use this IP address:
	IP address : 192 . 168 . 0 . 101
	Subnet mask : 255 , 255 , 255 , 0

Figure 1-13: Network Settings Page

 Setup "Disk Configuration". If you inserted more than one hard drive, you can select RAID 0 or RAID 1. If you install over 3 HDDs, RAID 5 is enabled. When you are done with the setting, click "Next"

Secup . Disk configuration	
system can have up to four disks. One disk has be	een detected. What kind of disk configuration would you like to use?
) add more disks, install them one at a time and cli	ck Scan after each addition. Please wait 3 more seconds before you click Scan.
Expandable, no data protection (Linear - o All the disk space is used for data storage, and y	une disk minimum) ou can add more disks later without affecting your existing data.
	Back Scan Next
	ystem can have up to four disks. One disk has be add more disks, install them one at a time and cli Expandable, no data protection (Linear - c All the disk space is used for data storage, and y

Figure 1-14: Setup Disk Configuration

13. The storage will be divided into 2 portions: shared folders (default is 200MB) and backups, select the desired volume for each one. When you are done, click "Finish"

System Setup : Disk Space Distribution
The disk space on your storage system will be divided into two portions. One portion is for shared folders; the other is for backups of your computer disks. Specify how much space you want to allocate for shared folders.
A minimum of 200 MB is required. You can allocate more disk space now, or you can allocate more space later. If you allocate more space, the minimum amount is 1 GB.
Once you allocate a certain amount of space for shared folders, you cannot reduce it. If you plan to back up computer disks to your storage system, it is recommended that you use the minimum amount of disk space for shared folders, back up all the computer disks that you plan to protect, and then expand the space allocated for shared folders. This ensures that adequate space is available for backups.
 Use the minimum amount of space for shared folders (200 MB) Allocate more space for shared folders Add all available disk space : 110.79 GB Specified disk space : 1
Back Finish

Figure 1-15: Disk Space Distribution

14. System will take a couple of minutes for RAID initialization depending on the HDD capacity and type of RAID you chose.

The system is now being configured. This may take several minutes depending on the disk configuration and the number and size of disks installed. Please wait until this process is complete. Configuring the RAID (15%)	System Setup : (Configuration
Please wait until this process is complete. Configuring the RAID (15%)	The system is now being copfi	used. This may take several minutes depending on the disk configuration and the number and size of disks installed
Configuring the RAID (15%)	Please wait until this process is	jured. This may take several minutes depending on the disk coningulation and the number and size of disks installed,
Configuring the RAID (15%)	Please wait until this process is	complete.
Configuring the RAID (15%)		
	Configuring the RAID (15%	

Figure 1-16: System configuration started

- 15. After system configuration is complete, close browser manually and wait for several minutes.
- 16. Open your web browser and type "http://192.168.0.101" in the address bar and press "ENTER". Default setting of username and password is "admin" and "storage"

acer	
Image: Second system Image: Second system Image: Second system Second system	In to your Altos easyStore Storage System Hour login information. User name : Password : Language : English Log In

Figure 1-17: Logging into Altos easyStore Storage System

17. System initialization complete.