

# LANDISK Advanced User Guide V1.0 (2005/2/18)

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# 1. Disk Utility



#### Set Cluster Unit:

#### NOTE:

LANDISK needs HDD with UltraDMA supported.

\*HDD Above 20GB has supported UltraDMA generally; if the HDD is under 20GB, please check if it has UltraDMA supported. \*Each file size is 4GB limited due to FAT32 format.

LANDISK FAT32 format Setting:

Default Cluster Size is 32K Cluster Size, Supports HDD capacity 32GB ~ 2TB

Please check the partition size related to cluster size as the table below: FAT32 File System Cluster Sizes

Partition Size	Cluster Size
260 MB - 8 GB	4 K
8 GB - 16 GB	8 K
16 GB - 32 GB	16 K
32 GB - 2 TB	32 K

#### Scandisk

Here you can check if there is error on your HDD, press "Start" and the dialog Box will show as below, press OK to start the HD checking.

Microso	ft Internet Explorer	×
2	It will take several time. Are you want to	) start?
	OK Cancel	

# 2. Network Share

## **2-1 SMB Configuration**

#### Hostname 以及 Group name

Set up your Hostname and work group here

#### **SMB Share List**

Set the folder you like to show or hide, please follow the steps below to set up.

#### Set Password for Share

Here you can set password for the folder, you must press "Apply" after any change of setting, if the password has been changed, it will be effective after system reboot.



# 2-2 FTP Configurations

Here you can set FTP functions, status and user's authority, please check the image below.

	5K bControl Utility	y		1115	<b>V-Gear</b> s
Status	SMB FT	P			
File Manager	FTP Configuration				
Network Share	FTP Status 1	Enable •			Apply
System Maintenance Logs	Allow anonymous? 2	© Enable C © Read only Home Director	Disable C Read / Wri y Not forma	te t† •	Apply
	FTP Account List	add/modify	En/Disable	del	
		[F 335900 9]	[necess]	Truvorson	e1

#### **FTP Status**

Enable / Disable FTP function.

#### Allow anonymous

If you allow anonymous login, and the authority after anonymous login, Home Directory is the folder will be access by anonymous login.

#### **FTP Acoount List**

Presses "Add/Modify " to set the accounts that you allow accessing LANDISK, and defining the authority.

	6K Control Ut	bility	V-Gear.
Status Disk Utility File Manager Network Share	Add/Medify ET	P Account	
System Maintenance Logs	Account Password Access	Ivan Image: Sead only (* Read/Write	Add/Modify
	Allowed share TVSON IUAN HP3 Back to account	<-Add Delete->	Share list PUBLIC NP3 IVAN TYSON

After "Add/Modify", you will see the accounts list as below, RO=Read Only, RW= Read and Write, and you can also use "En/Disable" to control certain account to access FTP.

LANDIS Web	K Control Utilit	y		V-G	digital futurel
Status Disk Utility File Manager Network Share System Maintenance Logs	SMB FT FTP Configuration FTP Status	Enable -			Apply
	Allow anonymous?	C Enable C C Read only Home Director	Disable C Read / Write y: PUBLIC •		Apply
	FTP Account List [User Name]	add/modify [Password]	En/Disable [Access]		
	Tyson		RO	ENABLE	
	luan		RV	ENHILL	

# 3.System

Here you can set the administrator password, Time zone, IP configuration, DHCP service.

## 3-1 Password

ID, Password setting for administrator.

6K Control Utility		V-Gear.
System Password Time Zone	IP Config DHCPS	
Administrator New Password	admin	
Retype to Confirm	••••	
	Control Utility System Password Time Zone Administrator New Password Retype to Confirm	Control Utility System Password Time Zone IP Config DHCPS Administrator New Password Retype to Confirm

## 3-2 Time Zone

Check Enable or Disable to define if you like to use SNTP (Simple Network Time Protocol)

Time Server: Define NTP server.

Time Zone: Define the City you located.

#### NOTE:

Make sure to press "Refresh" after pressing "Apply" to effective the setting.

VVE		liity
Støtus Disk Utility	System	
ile Manager Vetwork Share	Password Ti	me Zone IP Config DHCPS
iystem 1aintenance	SNTP	FENABLE C DISABLE
ogs	Time Server	2005 (Dt /12 (suurimentet)
	Time	15 : 08 : 14 (hh:mm:ss)
	Time Zone	(GNT+08:00)Beijing, Hong Kong, Singapore, Taipei •

# 3-3 IP Config

Here you can set the IP configuration (Automatic IP or Static IP) as below:

We	bControl Utility		see the digital future!
Status Disk Utility	System		
Network Share	Password Time Zone 1	P Config DHCPS	
System Maintenance	Automatic IP		
Logs	C Static IP as below		
	IP	192.168.0.165	
	SubnetMask	255.255.255.0	
	Gateway	192.168.0.254	
	Primary DNS	192.168.0.16	
	Secondary DNS	0.0.0.0	

### NOTE:

The Hub or Router you connect with LANDISK must has DHCP service If you choose "Automatic IP", if your device has no DHCP service, the default IP will be "169.254.0.1", the device which was in that IP address will become "169.254.0.2"

# 3-4 DHCPS

LANDISK has built in DHCP service. You can start the DHCP service here and LANDISK will turn it self into a DHCP server.

#### **DHCP Server Configuration**

Set the DHCP configuration as below:

štatus Disk Utility	System					
File Manager	Password Time Zo	ne IP Config DHCPS				
System	DHCP Server Configur	DHCP Server Configuration				
Maintenance	DHCP Server	○ ENABLE				
Logs	WINS Server(optional)	1				
	IP Pool Starting IP	2	a sector l			
	IP Pool Ending IP	254	Apply			
	Lease Time	1 Day: 0 Hour: 0 Min				
	DHCP Client List	Refresh Fix Mapping Table				
	[MAC] [IP]	[Host Name]	2			
	Disabled		-			

#### NOTE:

If the Hub or Router connected to LANDISK has DHCP, the LANDISK will prevent the setting.

## **DHCP Client List**

If you want to point a certain IP address for certain MAC address (Fixed mapping), please press "Fix Mapping

Table" to set up as l LANDIS Wel	below: BK bControl Utility 2	V-Gear
Status Disk Utility File Manager Network Share System Maintenance Logs	DHCPS Fixed Mapping Table Add Cel Hostname(optional) MAC Address I [CLIENTS MAC] [FIXED IP] [HOSTNAHE] Disabled Back to DHCPS	1P Address

## NOTE:

Fixed mapping will be functional only when the DHCP service was provided by LANDISK it self.

4.1	<i>l</i> lan	ten	an	се

LANDIS	GK <b>V-Gear</b>	
Wet	Control Utility	
Status Disk Utility File Manager	Maintenance	
Network Share System	Firmware Upload	
Maintenance	1 2	
Lagi	Drowse. Upload	
	reast remain are synchs and sponds are univert.	
	System Restart	
	Click Restart to have the device perform a software restart. THE STATUS and LAN LED blinks as the device restarts and then steads on if the restarts is successful. Wait about 30 seconds before logging into the device again. Restart	
	Factory Defaults	
	Click Reset to clear all configuration and restore to default settings.	
	Reset	

## 4-1 Firmware Upload

Here you can update the new firmware for your LANDISK, please follow the steps below:

1. Choose the	e "Firmware"	**.bin" to upda	te		
Choose file					? 🛛
Look in:	Candisk		•	+ E 💣 🖽-	
My Recent Documents Desktop	Tirmware(008)				
My Documents					
My Computer					
My Network	File name:	firmware(008)		•	Open
1 10.00	Files of type:	All Files (".")		•	Cancel

2. Press "Upload", the dialog will show the warning message as below. Press "OK" to proceed.



Please do not close the window or turn the power off, until the success message dialog has been shown as below:

	Upload Successfully!	
•	Please Re-boot system, if you upgraded kerne	91

3.Press "Restart" and wait about 30 seconds then refresh this page by pressing "Refresh button" on IE browser, or reboot the LANDISK.

## 4-2 Factory Defaults

You can Press "Reset" here then refresh this page by pressing "Refresh button" on IE browser, or reboot the LANDISK to recall all settings back to factory default status.

# **5.FAQ**:

## 1. Does LANDISK have any Power saving function?

Yes, if there is no R/W in 15 minutes, LANDISK will spin down the HDD to protect and save power.

## 2. How does the DHCP service of LANDISK work?

If LANDISK has been located in the network environment, which has no DHCP server, LANDISK will turn it self into a DHCP server, the LANDISK will detect if there has any DHCP server existing, if yes, the LANDISK will prevent the DHCP service, and becomes a DHCP client.

## 3. What is the protocol that LANDISK follows to achieve the data sharing functions?

LANDISK is a device that based on Samba Server to achieve its data sharing function, its SMB protocol (Server Message Block) crosses TCP/IP, NETBUEI and IPX/SPX, in short, as long as the client has supported either TCP/IP, NETBUEI or IPX/SPX, it can use LANDISK as a FTP server.

## Visit http://vgear.com for more FAQ or firmware updates.