

User's Manual



DX-325

Wireless 802.11n Multi-functional Storage Router

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■ Declarations, disclaimers, instructions of guidings

Note, Notice, Caution symbols among the user manual

NOTE!

Provides extra information for better use of the products.

Notice!

Indicates behaviours that might cause a potential data loss on WiDRIVE or on the device that connects to it.

Caution!

Indicates behaviours that might cause damage on product, human injury, or death.

Declaration

Information in this document is subject to change without notice or obligation.
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Disclaimer

Any loss, corruption or destruction of data while using a WiDRIVE is the sole responsibility of the user, and under no circumstances will EDSLabs be held liable for the recovery or restoration of this data. To help prevent the loss of your data, EDSLabs highly recommends that you at least keep one copy of your data. For example, you can save the copy either on your internal hard disk or portable storage media.

■ Safety and care instructions

Please read the following safety information prior to using WiDRIVE.

- Only qualified personnel should service WiDRIVE. Faulty installation or service may be dangerous and may invalidate any warranty applicable to WiDRIVE.
- WiDRIVE can cause interference to pacemakers, hearing aids, and medical equipment. Keep safe distances from medical devices when operating in such environments.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as WiDRIVE.
- Switch your WiDRIVE off when in any area with a potentially explosive atmosphere, and obey all signs and instructions. Sparks can cause an explosion or fire resulting in bodily injury or even death.
- Do not drop or knock WiDRIVE. Rough handling can damage the electronics board and hard drive in WiDRIVE.
- Do not expose WiDRIVE to extreme temperature. Do not put WiDRIVE on heating devices such as microwave oven, stove, or radiator. The device may explode when overheated.
- Clean WiDRIVE surface with soft damp cloth. Do not use any cleaning agent.
- Keep WiDRIVE dry. Any precipitation, humidity, and liquids can corrode electronic circuits in WiDRIVE.

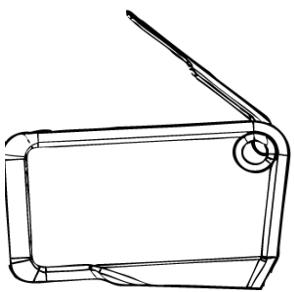
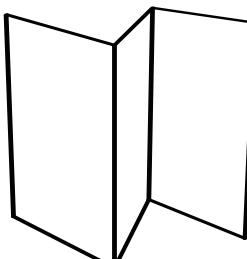
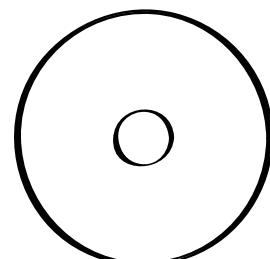
1 Understand Your WiDRIVE

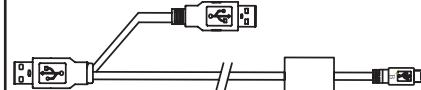
Overview of Your WiDRIVE DX-325



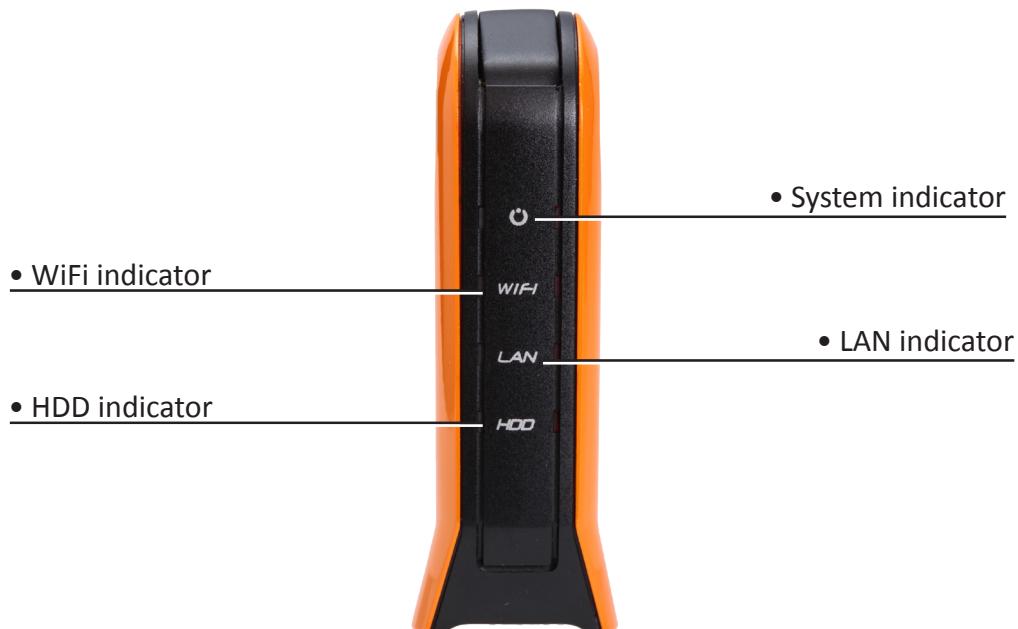
Package Content

Your WiDRIVE DX325 has shipped along with the following content. Ensure you have all the following items.

WiDRIVE DX-325	Quick Start Guide	Utility CD with Manual
		

5V 2A power adapter	Ethernet cable (40cm)	Mini USB to USB cable (40cm)
		

The LED Status Indicators



Understand the LED indicators

Indicator	Status	Indication
	Power on	 Green
	Booting up	 Flashing between orange and green
	System ready	 Green
	Shutting down	 Flashing between orange and green
	Starting up	 Flashing between orange and green
	WiFi ready	 Green
	WiFi on work	 Flashing green
	LAN port plugged in	 Green
	Data transferring	 Flashing green
	Data transferring	 Flashing between orange and green

Power on Your WiDRIVE

Press the Power button  to power on your WiDRIVE.

Shutdown Your WiDRIVE

Normal shutdown

You can click **Shutdown** button on **Maintenance** page in web control or shortly press the Power button  to normal shutdown your WiDRIVE.

Force shutdown

Long press the Power button  to force shutdown your WiDRIVE.

Notice!

Performing force shutdown might cause potential data damage to HDD installed in your WiDRIVE.

Mode Selection

You can connect your device with WiDRIVE in three ways: Access Point (AP) mode, Client Scan mode, and USB mode.

Access Point (AP) Mode

Your WiDRIVE performs as a wireless storage router in AP mode.

Slide the mode switch down and power on your WiDRIVE.

Connect WiDRIVE and router/modem with an ethernet cable, and then wirelessly connect your PC to WiDRIVE (See "Wirelessly connect your device with WiDRIVE (AP mode)" on page 6 for detailed operation guide).



Client Scan Mode

Your WiDRIVE performs as a driverless 802.11N wireless adapter in Client Scan mode.

Slide the mode switch up and power on your WiDRIVE. Connect your computer with WiDRIVE by an ethernet cable, and then wirelessly connect your WiDRIVE to a router (See “Connect your device to WiDRIVE with an Ethernet cable” on page 7 for detailed operation guide).



USB Mode

Connect WiDRIVE and your computer with an USB cable, your WiDRIVE is behaved as an external storage device in USB mode.

2 Setup Your WiDRIVE

HDD Installation

Please follow these 3 steps to install a HDD.

1. Disassemble the HDD side cover.

- i. Press the back of the middle frame to loosen the hook.
- ii. Take apart the HDD side cover.



2. Slide HDD into SATA connector (ensure HDD is fully inserted into connector).



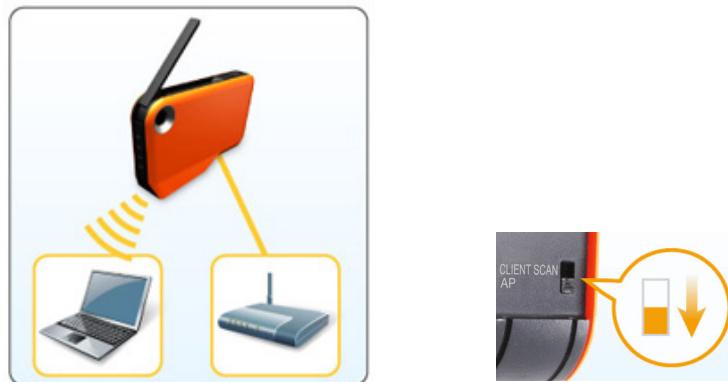
3. Hook on and then push the side cover toward the middle frame until you hear a click.



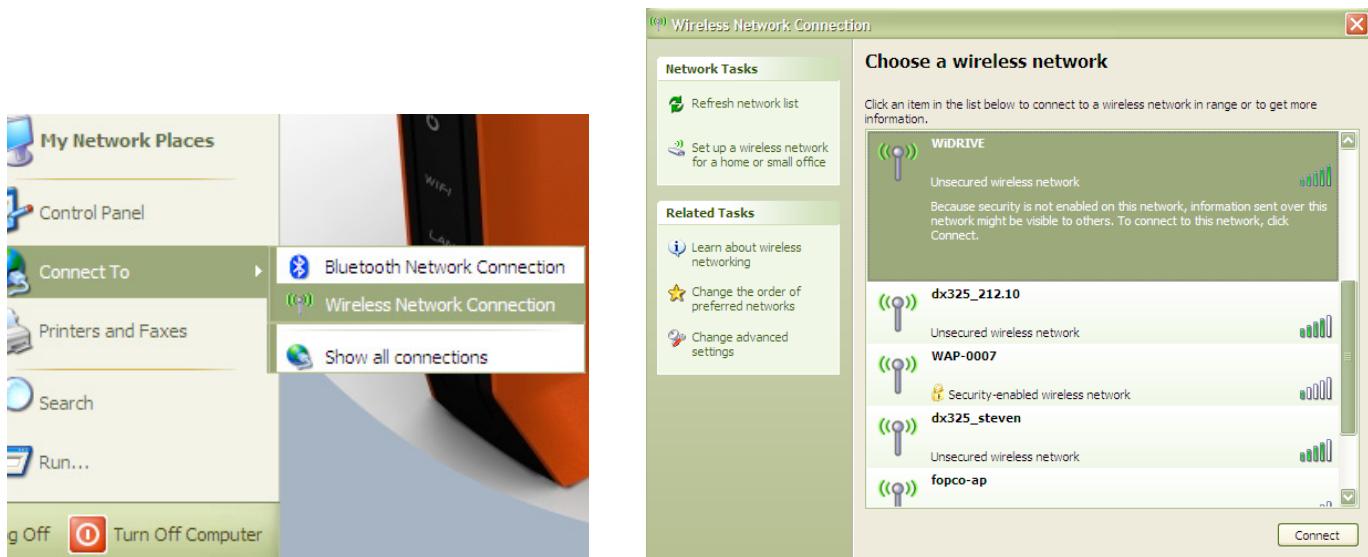
Connecting WiDRIVE

Wirelessly connect your device with WiDRIVE (AP mode)

In AP mode, your WiDRIVE connects to and shares the internet. Your devices connects to WiDRIVE wirelessly:

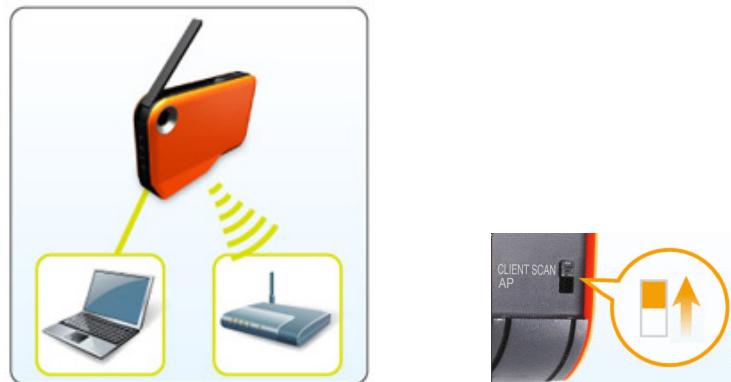


1. Power off your WiDRIVE, and then connect your WiDRIVE with ADSL/modem with an ethernet cable.
2. Slide the mode switch to AP mode.
3. Power on your WiDRIVE. Now your WiDRIVE behaves like a wireless router.
4. Connect your WiDRIVE by Windows XP.
 - i. Open Windows Start Menu, select “Connect To”, left-click “Wireless Network Connection”.
 - ii. Left-click “View Wireless Networks” button.
 - iii. Select “WiDRIVE” to connect.
5. Now you can open the web browser with WiDRIVE IP address (default: <http://192.168.2.1>) to configure your WiDRIVE, see “System Setting” on page 18 for operation guide.



Connect your device to WiDRIVE with an ethernet cable (Client Scan mode)

In Client Scan mode, your device connects to WiDRIVE with an ethernet cable. Your WiDRIVE performs as a wireless adapter:



1. Power off your WiDRIVE.
2. Slide the mode switch to Client Scan mode.
3. Power on your WiDRIVE. Now your WiDRIVE behaves like a driverless wireless adapter.
4. Open web browser with WiDRIVE IP address (default: <http://192.168.2.1>) to configure your WiDRIVE. See “System Setting” on page 18 for operation guide.

Use your WiDRIVE as an USB external storage (USB mode)

Connect your device to WiDRIVE with an USB cable, your WiDRIVE automatically switches to USB mode and performs as an external mass storage device.

Note!

The network function switches off automatically once the USB cable connects to your WiDRIVE.

Notice!

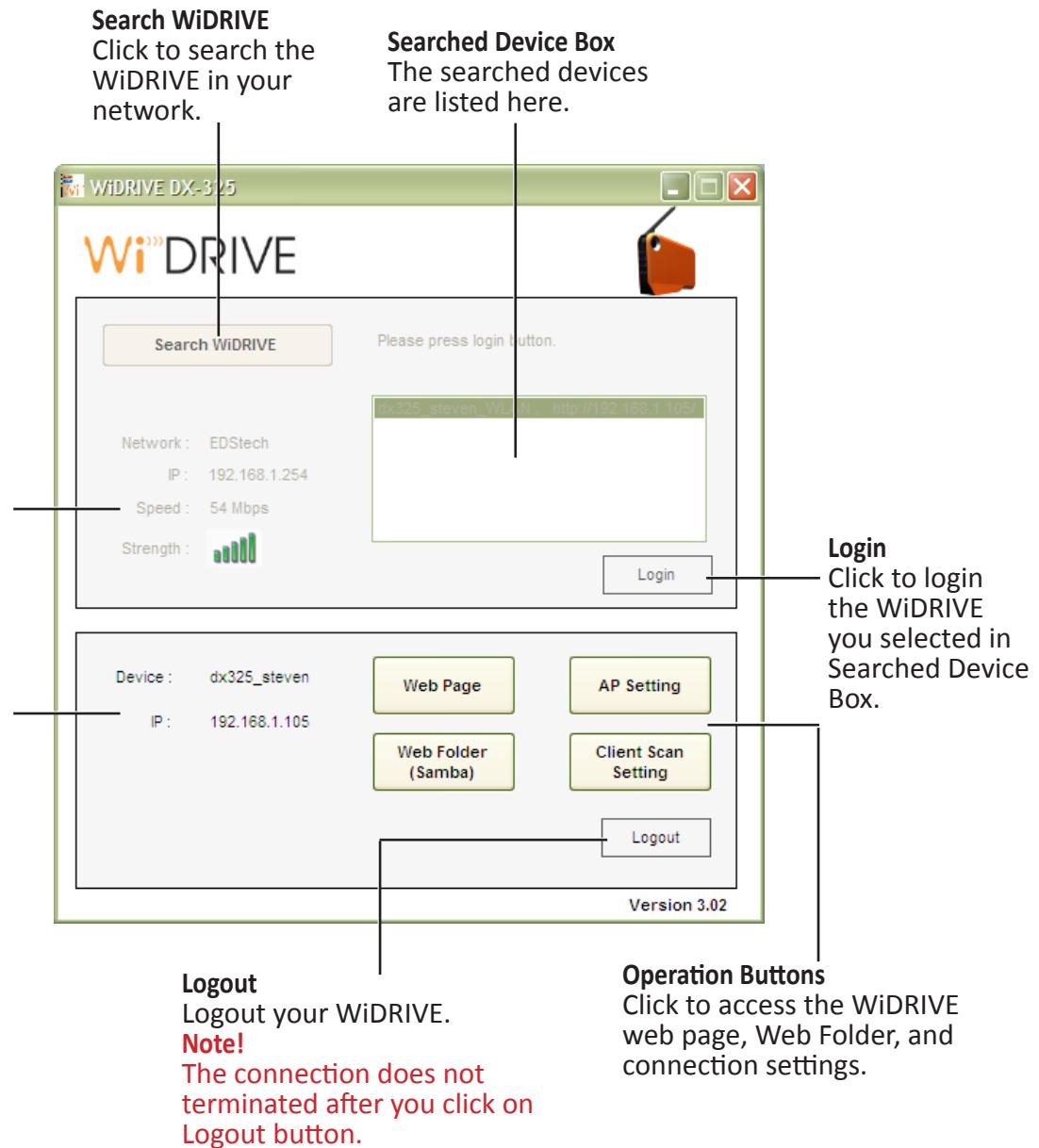
We strongly recommend you to shutdown your WiDRIVE before switching to USB mode.

Notice!

We strongly recommend you to run Safely Remove Hardware process before you unplug WiDRIVE from computer to ensure the data completeness.

3 WiDRIVE Utility

The WiDRIVE Utility is a convenient Windows application to quickly search, connect, and control your WiDRIVE.

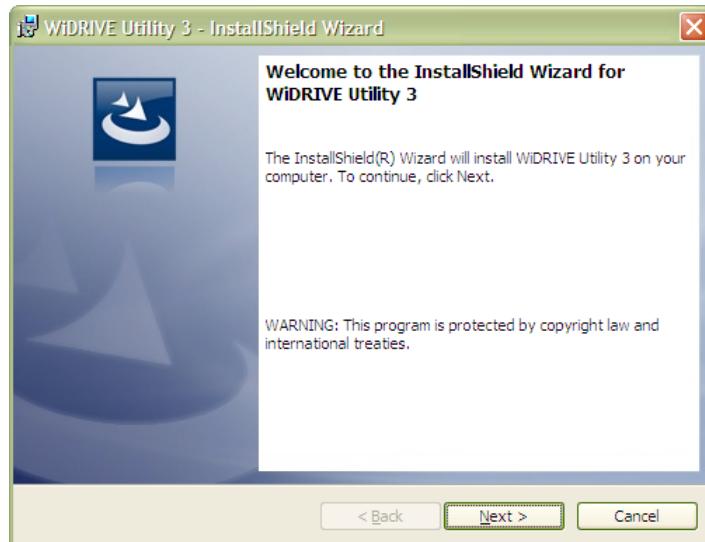


Note!

The WiDRIVE Utility only works in Windows operation system with .Net Framework 2.0 support.

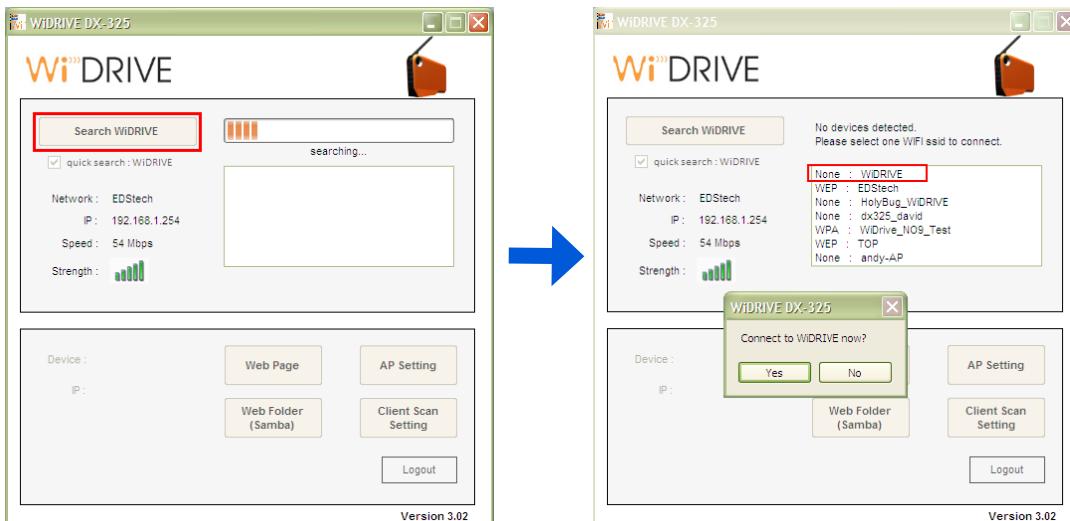
Install your WiDRIVE Utility

The setup program can be found in Utility CD or official website. Double click on the setup icon and follow the instructions to install the Utility.



To search and operate your WiDRIVE through Utility

Follow the instructions to search and operate your WiDRIVE.



1. Click on Search button, the WiDRIVE in your current network environment are listed down for your selection.
2. Select and then login to use your WiDRIVE through the Utility.

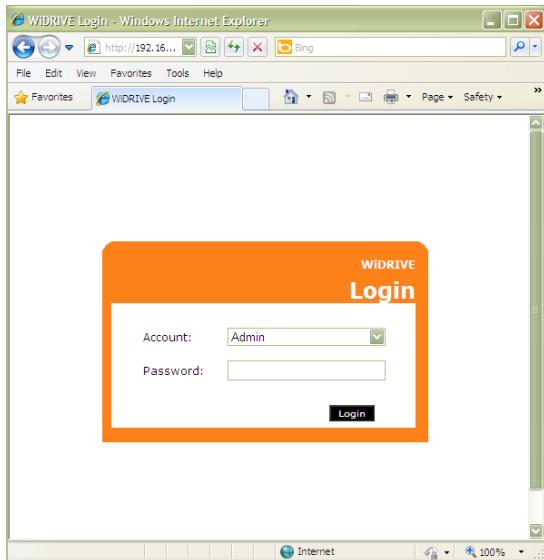
Note:

The WiDRIVE Utility memorizes the latest WiDRIVE connection. You can check on “quick search: WiDRIVE SSID” option to find the latest connected WiDRIVE quicklier.

4 WiDRIVE Web Control

Login

Open web browser with WiDRIVE IP address (default: <http://192.168.2.1>) to enter WiDRIVE login page. Enter your account and password to login WiDRIVE Web Control.



Note!

Default account and password
Account: Admin
Password: admin

Overview of WiDRIVE Web Control

When you log in as "Admin", you will see a series of navigation links:

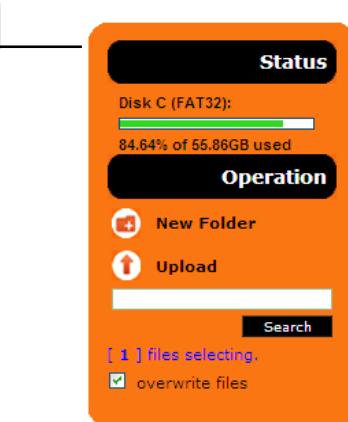
Icon	Go to page	Description
	"My Folder"	<i>My Folder</i> is an ideal data center of your network. You can easily share files by upload them to WiDRIVE, and manage them (move, delete, rename, etc.) in <i>My Folder</i> .
	"Quick Connection"	You can quickly connect your WiDRIVE with a wireless signal in <i>Quick Connection</i> page. Note! <i>Quick Connection</i> only available in Client Scan mode.
	"BitTorrent"	You can upload the torrent seed, and performs PC-less BitTorrent download in <i>BitTorrent</i> page.
	"System Setting"	You can set network configurations in both AP mode and Client Scan mode in <i>System Setting</i> page.
	Account Setting	<ul style="list-style-type: none"> • Modify admin account and password. • Add, delete, modify user account and password. • DDNS setting.
	"System Status"	<i>System Status</i> displays runtime status of your WiDRIVE.
	"Maintenance"	Upgrade firmware, reboot, shut down, factory reset, and format HDD on your WiDRIVE.

My Folder (Disk Management)

My Folder page is displayed once you have logged in. The navigation menu is divided into four main sections:

Status and Operation

This includes status of partition, volume, and the file operations such as create new folder, upload file, search file, and the selected file pool of your WiDRIVE.

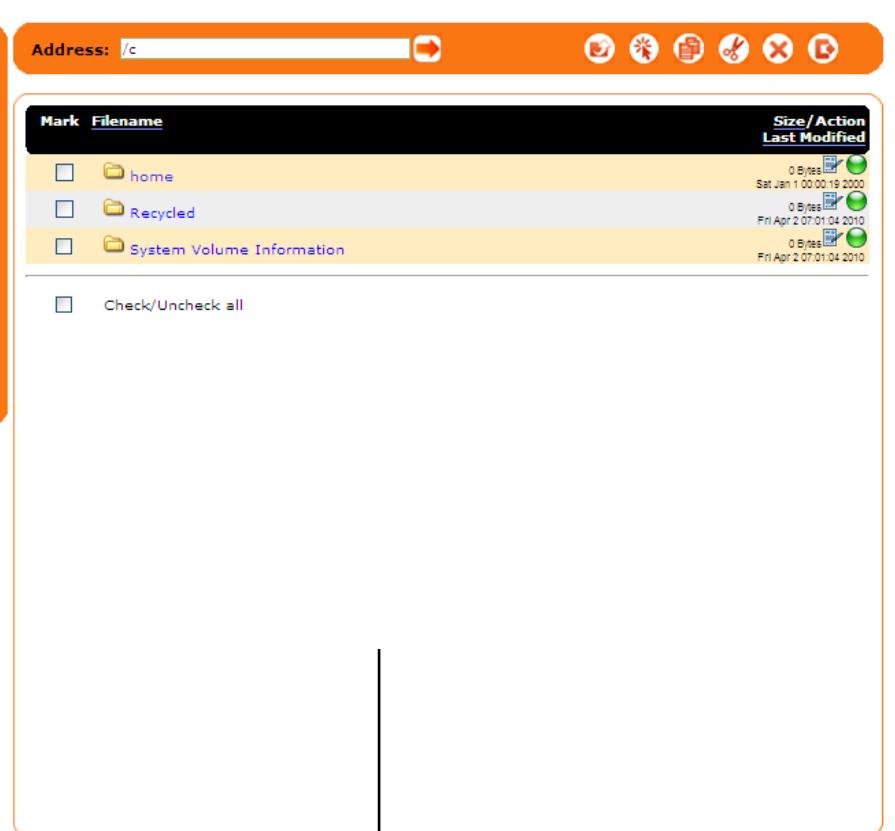


Links

List down the links to applications and system management pages.

Folder Operation Bar

You can operate file selection, copy, move, delete on this bar. You can also go to any allowed file location by typing address directly.



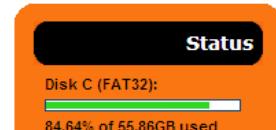
File Menu

The file menu lists down all files and folders in the folder you are navigating.

Working with Folders and Files

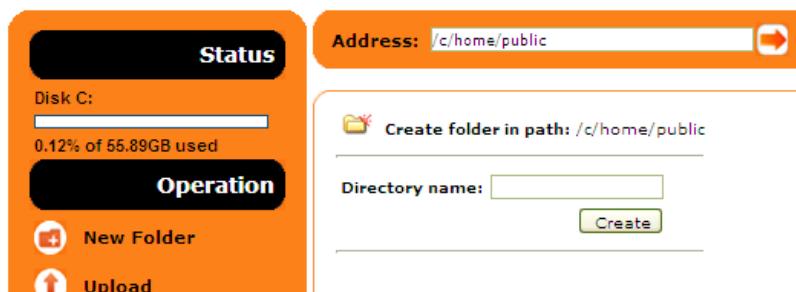
Check the storage status of the HDD installed

You can check the volume and used percentage of each partition on “Status and Operation”.



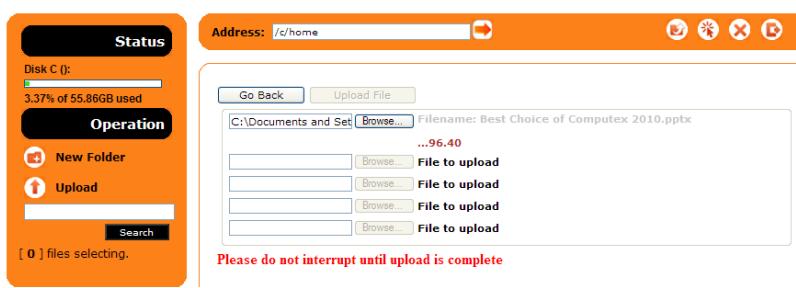
Create Folder

1. Navigate to the path in which you want to create a new folder.
2. Click on New Folder icon  on “Status and Operation”, type the name of the folder, and then click on “Create” button.

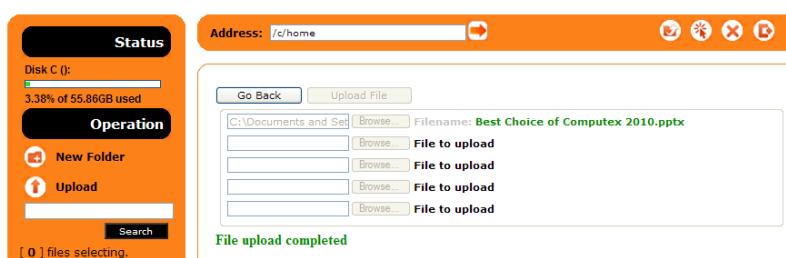


Upload files

1. Navigate to the folder where you want to store the file.
2. Click the Upload File icon  in “Status and Operation”, and then click on Browse button to select the file in your computer.



3. Click on the Upload File button to upload the files to the current path.



Search File

Type the keyword and then click on Search button to find the file you required.

Download a file or open a folder

Simply click on the icon or file name/folder name on the “File Menu”, if you click on the file, the file download process begins; else if you click on the folder, the folder is opened.



Rename file or folder

Click on Rename icon  on the “File Menu”, type the new name, and then click on “Rename” button.

Copy/Move file/folder

1. Navigate to the parent folder of the files/folders you want to copy or move.
2. Select the files/folders and then click on Select icon  in “Folder Operation Bar” to add the selected files/folders to Selected File Pool (represented as [number of selected files] files selected) on “Status and Operation”. You can click on Selected File Pool to see files and folders selected. Click “Go back” to return to the location you navigated.



3. Go to the location you want to paste the files/folders to in the Selected File Pool. Click Copy icon  or Move icon  to place files to the current path.

Note!

“Copy” in this way duplicates the files/folders in the original location; “move” relocates their location.

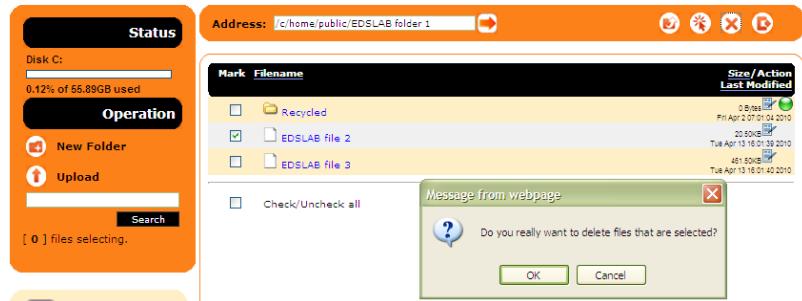
Delete files/folders

1. Navigate to the parent folder of the files/folders you want to delete.



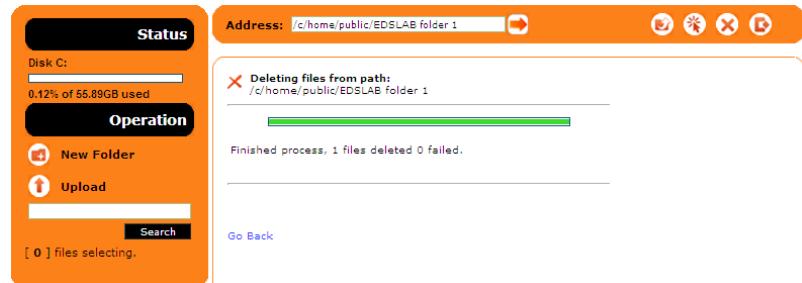
The screenshot shows the 'Mark' screen of the Wi DRIVE interface. The address bar shows the path: /c/home/public/EDSLAB folder 1. The left sidebar displays the 'Status' of Disk C (0.12% of 55.89GB used) and the 'Operation' menu (New Folder, Upload). The main area shows a list of files in the 'Recycled' folder: EDSLAB file 1 (selected), EDSLAB file 2, EDSLAB file 3.

2. Select the files/folders.



The screenshot shows the 'Mark' screen with a confirmation dialog box titled 'Message from webpage' asking 'Do you really want to delete files that are selected?'. The left sidebar shows the 'Status' of Disk C and the 'Operation' menu. The main area shows the list of files in the 'Recycled' folder with checkboxes for selection.

3. Click on Delete icon  to delete files/folders selected.



The screenshot shows the 'Delete' confirmation screen. The address bar shows the path: /c/home/public/EDSLAB folder 1. The left sidebar shows the 'Status' of Disk C and the 'Operation' menu. The main area displays a message: 'Deleting files from path: /c/home/public/EDSLAB folder 1' with a progress bar, followed by 'Finished process, 1 files deleted 0 failed.' and a 'Go Back' link.

Managing Access to Folders

To change the folder permission of user accounts:

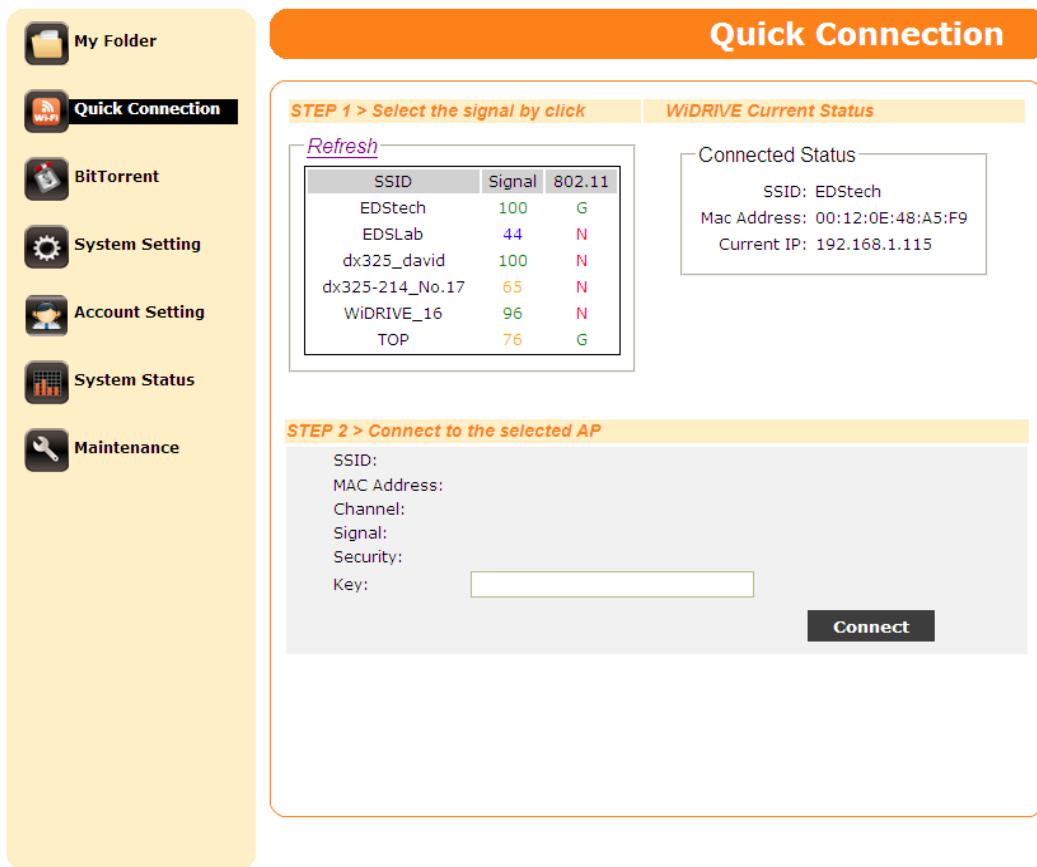
1. You may click the Access Rights icon on the right hand side of the folder.
2. Click on one of the colored icons ( for full access,  for readonly,  for restricted access) to change the access permission.



The screenshot shows the 'Access rights' screen. The address bar shows the path: /c/home/public/EDSLAB folder 1/Recycled. The left sidebar shows the 'Status' of Disk C and the 'Operation' menu. The main area displays the 'Access rights' settings: 'Full access' (selected), 'Read only', and 'Restricted'.

Quick Connection

The *Quick Connection* page helps you to connect your WiDRIVE (in Client Scan mode) to a wireless router.



SSID	Signal	802.11
EDStech	100	G
EDSLab	44	N
dx325_david	100	N
dx325-214_No.17	65	N
WiDRIVE_16	96	N
TOP	76	G

Quick Connection

STEP 1 > Select the signal by click

WiDRIVE Current Status

Connected Status

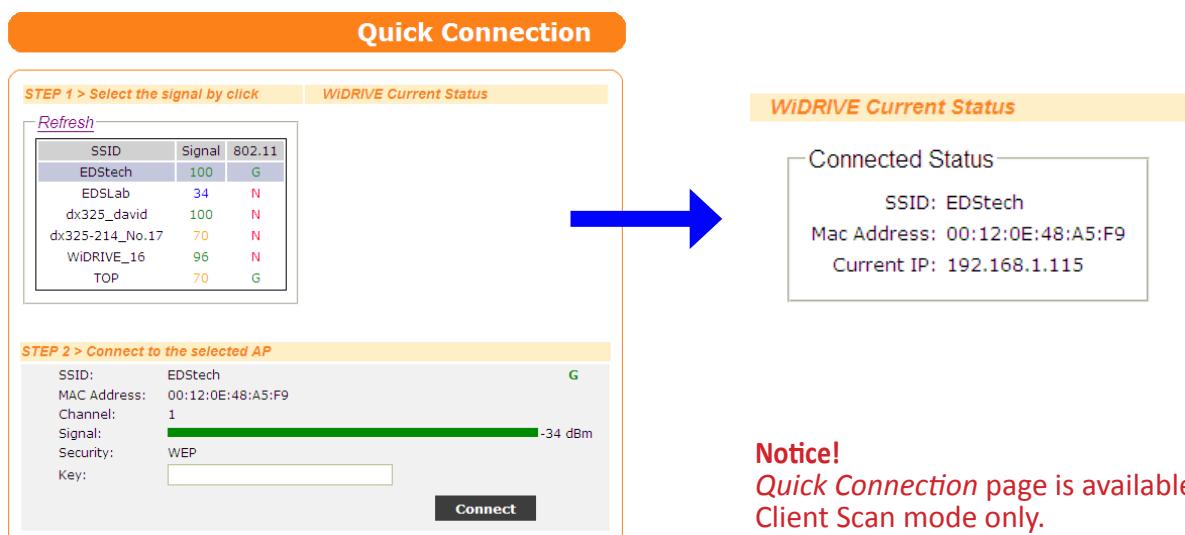
SSID: EDStech
Mac Address: 00:12:0E:48:A5:F9
Current IP: 192.168.1.115

STEP 2 > Connect to the selected AP

SSID:
MAC Address:
Channel:
Signal:
Security:
Key:

Connect

1. Select one router in the wireless signal table in [STEP1> Select the signal by click], the information of the router appears in the [STEP2> Connect the selected AP] section.
2. Enter the security key and then click on Connect button to start connection. The connection status shows in the [WiDRIVE Current Status] section.



SSID	Signal	802.11
EDStech	100	G
EDSLab	34	N
dx325_david	100	N
dx325-214_No.17	70	N
WiDRIVE_16	96	N
TOP	70	G

Quick Connection

STEP 1 > Select the signal by click

WiDRIVE Current Status

Connected Status

SSID: EDStech
Mac Address: 00:12:0E:48:A5:F9
Current IP: 192.168.1.115

STEP 2 > Connect to the selected AP
SSID: EDStech G
MAC Address: 00:12:0E:48:A5:F9
Channel: 1
Signal: -34 dBm
Security: WEP
Key:

Notice!

Quick Connection page is available in Client Scan mode only.

BitTorrent

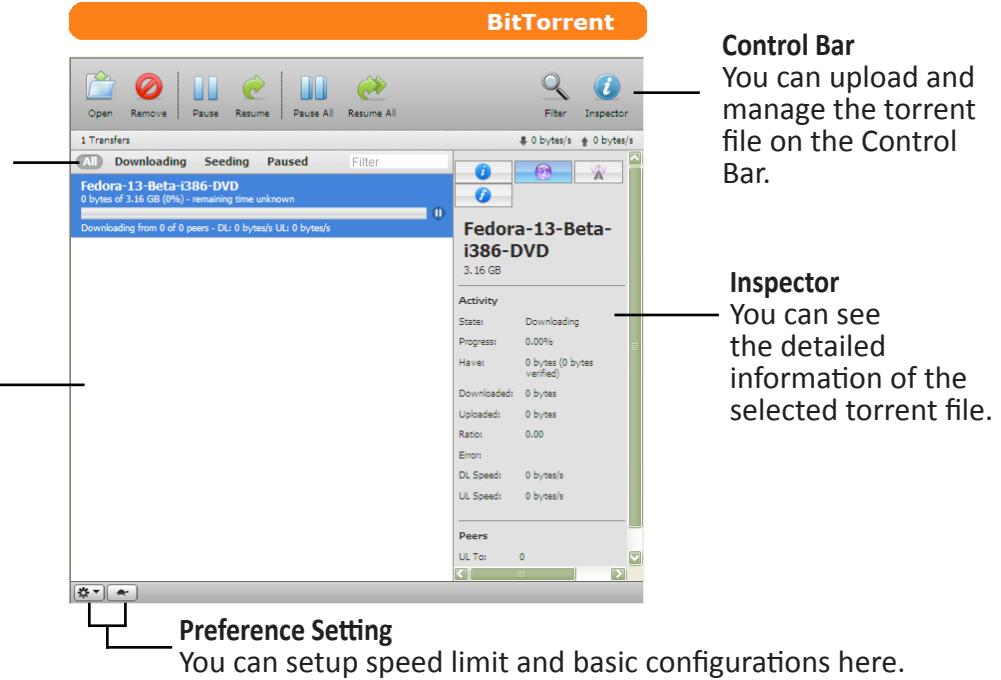
You can process PC-less BitTorrent download after enable Transmission BitTorrent Client in your WiDRIVE. For more information about Transmission BitTorrent please go to <http://www.transmissionbt.com>.

Filter Bar

You can filter the torrent file shown in the list via the Filter Bar.

Torrent File List

All of your torrent files and their status are listed here.

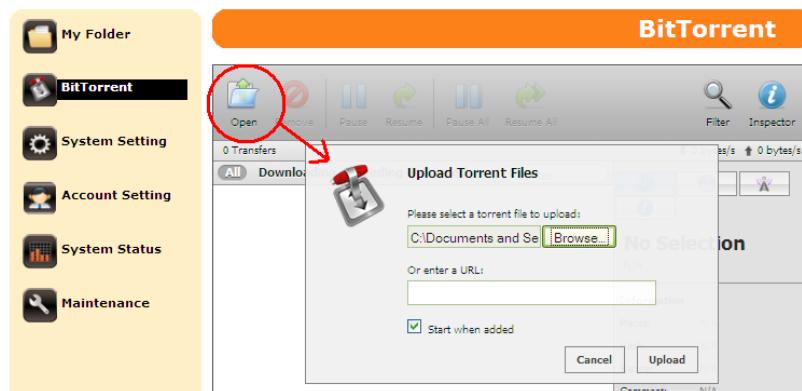


Notice!

You have to install and enable the BitTorrent application to activate this function. See "WiDRIVE Applications" on page 28 for operation guide.

Upload a Torrent Seed and Start Download

Click on Open button to upload torrent seed for file download.

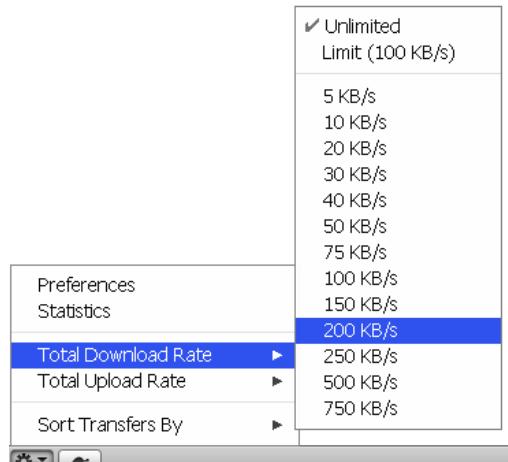


BitTorrent operations on the Control Bar

Button	Function	Description
	Remove	Click to remove the selected torrent files.
	Pause	Click to pause the selected torrent files from downloading or seeding.
	Resume	Click to resume the downloading or seeding for the selected torrent files.
	Pause All	Click to pause all torrent actions.
	Resume All	Click to resume all torrent actions.
	Filter	Click to hide/unhide the filter bar.
	Inspector	Click to see the detailed information of the selected torrent file.

Configure BitTorrent Parameter Through Preference Setting

You can configure BitTorrent parameter such as download folder, port, rate, etc in Preference Setting at the left bottom of the BitTorrent page.



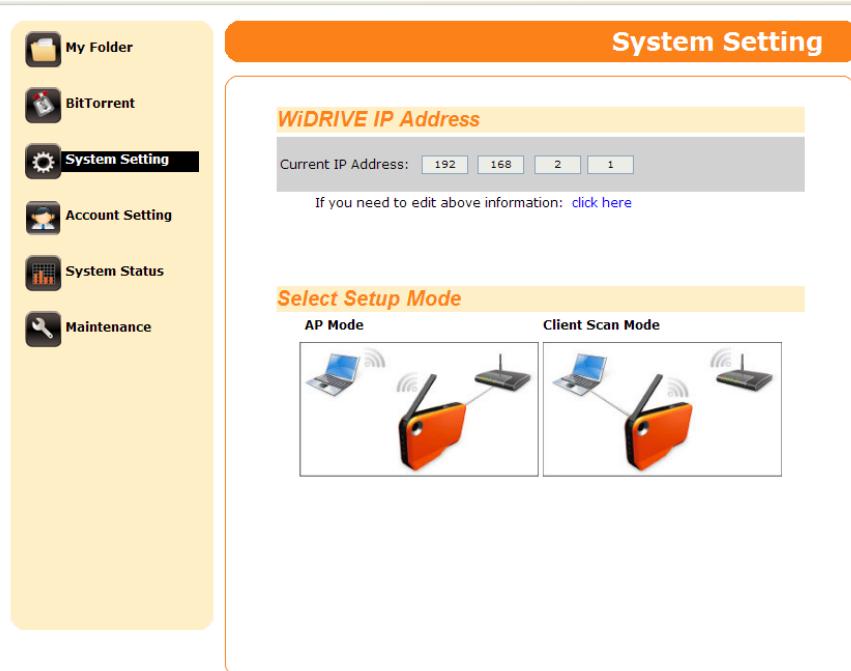
System Setting

You can configure your WiDRIVE in the *System Setting*. Click on “Complete” button to save the settings.

WiDRIVE IP Address

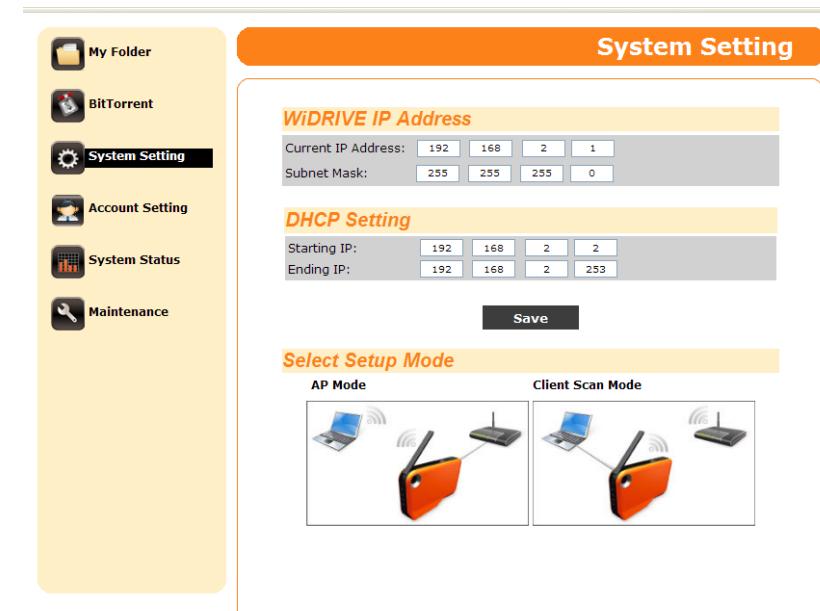
First, setup the IP address of your WiDRIVE in the entry page of *System Setting*:

- Basic LAN setting: setup the WiDRIVE IP address in the LAN.



WiDRIVE IP Address	
Current IP Address	The default value is: 192.168.2.1, however you can always manually assign the IP address to your WiDRIVE.

- Advanced LAN setting: click on Click Here link to extend the items from basic LAN settings. The [DHCP Settings] pops up and you can define the range of IP.



WiDRIVE IP Address	
Current IP Address	The default value is: 192.168.2.1, however you can always manually assign an IP address to your WiDRIVE.
Subnet Mask	You can manually assign the subnet mask of your WiDRIVE. We strongly suggest you to use the default value: 255.255.255.0.
DHCP Settings	
Starting IP	The start of the range of IP available for your WiDRIVE network.
Ending IP	The end of the range of IP available for your WiDRIVE network.

WiDRIVE AP Mode Setting

Your WiDRIVE performs as a wireless router in AP mode. Click on the AP Mode icon in the [Select Setup Mode] section to enter *AP Mode Setting* page:

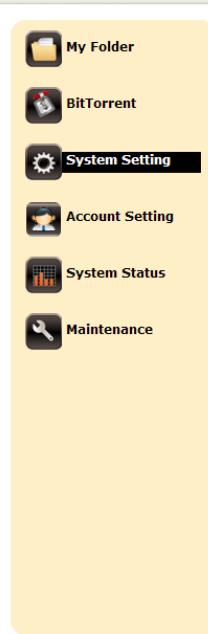


- Basic setting

WiDRIVE Wireless Setting:											
Configure wireless network of WiDRIVE.											
SSID	This is the wireless network name of your WiDRIVE. It must be identical on all points of the wireless network and cannot exceed 32 characters.										
Security	<ul style="list-style-type: none"> • If you select “None” from the dropdown bar, your wireless network transfers data without safety encryption. • Otherwise select a security rule and then enter the password to enable the safety protection. The security capability from basic to strict: WEP 64 bit ▶ WEP 128 bit ▶ WPA ▶ WPA2 ▶ WPA+WPA2 <p>WiDRIVE Wireless Setting</p> <table border="1"> <tr> <td>SSID</td><td>WiDRIVE</td></tr> <tr> <td>Security</td><td>WEP 64 bit</td></tr> <tr> <td>Key:</td><td>[redacted]</td></tr> <tr> <td>Channel</td><td>6</td></tr> <tr> <td>Wireless Mode</td><td>802.11 b/g/n mixed</td></tr> </table>	SSID	WiDRIVE	Security	WEP 64 bit	Key:	[redacted]	Channel	6	Wireless Mode	802.11 b/g/n mixed
SSID	WiDRIVE										
Security	WEP 64 bit										
Key:	[redacted]										
Channel	6										
Wireless Mode	802.11 b/g/n mixed										
Channel	<ul style="list-style-type: none"> • Select “Auto” from dropdown bar, your WiDRIVE automatically switches to the best channel available. • Otherwise you can manually assign a channel to your WiDRIVE. 										
Wireless Mode	<ul style="list-style-type: none"> • 802.11 b/g mixed: select if your use 802.11 b and 802.11 g devices. • 802.11 b/g/n mixed: select if your use 802.11 b, 802.11 g, and 802.11 n devices. • 802.11 n only: select if your devices are 802.11n. 										

- Advanced setting

Click on “Click Here” for advanced settings. The [WiDRIVE WAN Setting] pops up.



-  My Folder
-  BitTorrent
-  **System Setting**
-  Account Setting
-  System Status
-  Maintenance

AP Mode Setting

please enter the following information.

WiDRIVE Wireless Setting

SSID	WiDRIVE
Security	None
Channel	6
Wireless Mode	802.11 b/g/n mixed

WiDRIVE WAN Setting

<input checked="" type="radio"/> Auto IP Assign
<input type="radio"/> DSL (PPPoE)
<input type="radio"/> Fixed IP Address

[Click here](#) to return to basic setting.

< Previous
Complete

WiDRIVE Wireless Setting:

Configure your wireless network of WiDRIVE.

SSID	This is the wireless network name of your WiDRIVE. It must be identical on all points of the wireless network and cannot exceed 32 characters.
Security	<ul style="list-style-type: none"> • If you select “None” from the dropdown bar, your wireless network transfers data without safety encryption. • Otherwise select a security rule and then enter the password to enable the security protection. The security capability from basic to strict: WEP 64 bit ▶ WEP 128 bit ▶ WPA ▶ WPA2 ▶ WPA+WPA2
Channel	<ul style="list-style-type: none"> • Select Auto from dropdown bar, your WiDRIVE automatically switches to the best channel available. • Otherwise you can manually assign a channel to your WiDRIVE.
Wireless Mode	<ul style="list-style-type: none"> • 802.11 b/g mixed: select if your use 802.11 b and 802.11 g devices. • 802.11 b/g/n mixed: select if your use 802.11 b, 802.11 g, and 802.11 n devices. • 802.11 n only: select if your devices are 802.11n.

WiDRIVE Internet Setting:

Configure how your WiDRIVE connect with the internet.

Auto IP Assign	This is the default setting. Your WiDRIVE obtains IP from a DHCP server.					
DSL (PPPoE)	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> WiDRIVE WAN Setting <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;"><input type="radio"/> Auto IP Assign</td></tr> <tr><td><input checked="" type="radio"/> DSL (PPPoE)</td></tr> <tr><td>Account: <input type="text" value="pppoe_user"/></td></tr> <tr><td>Password: <input type="password" value="*****"/></td></tr> <tr><td><input type="radio"/> Fixed IP Address</td></tr> </table> </div> <p>Choose PPPoE (Point to Point Protocol over Ethernet) if your ISP uses a PPPoE connection.</p>	<input type="radio"/> Auto IP Assign	<input checked="" type="radio"/> DSL (PPPoE)	Account: <input type="text" value="pppoe_user"/>	Password: <input type="password" value="*****"/>	<input type="radio"/> Fixed IP Address
<input type="radio"/> Auto IP Assign						
<input checked="" type="radio"/> DSL (PPPoE)						
Account: <input type="text" value="pppoe_user"/>						
Password: <input type="password" value="*****"/>						
<input type="radio"/> Fixed IP Address						

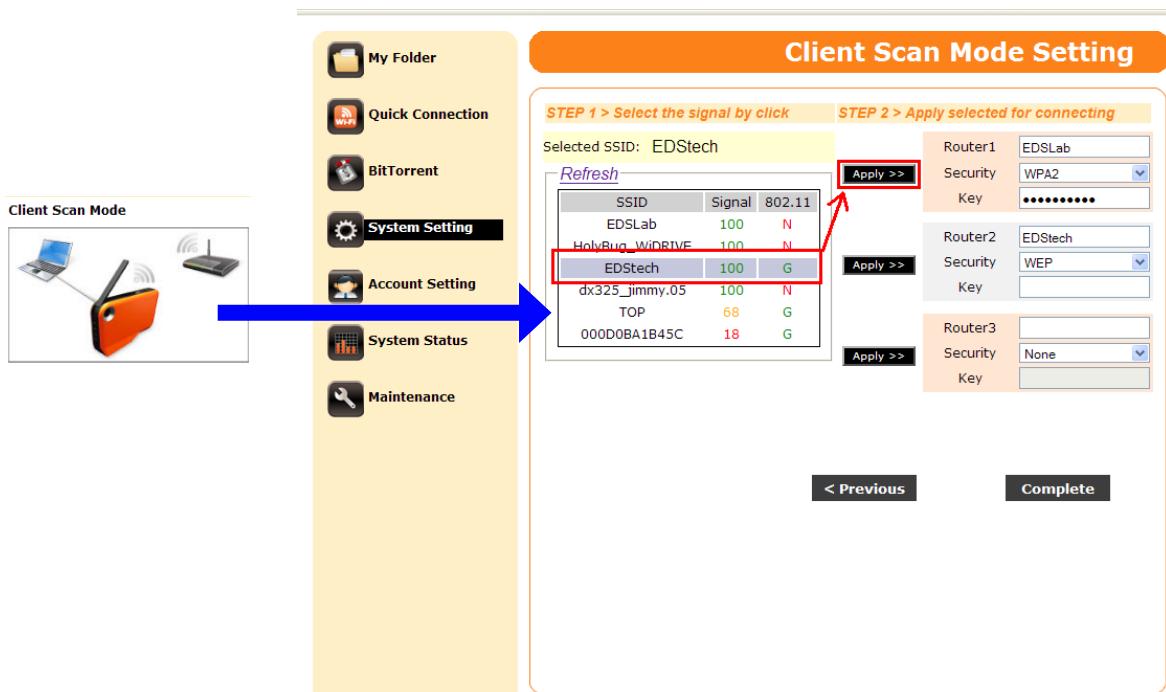
Fixed IP Address	WiDRIVE WAN Setting <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"><input type="radio"/> Auto IP Assign</td> <td colspan="3"></td> </tr> <tr> <td><input type="radio"/> DSL (PPPoE)</td> <td colspan="3"></td> </tr> <tr> <td><input checked="" type="radio"/> Fixed IP Address</td> <td colspan="3"></td> </tr> <tr> <td>IP Address:</td> <td>192</td> <td>168</td> <td>1</td> </tr> <tr> <td>Subnet Mask:</td> <td>255</td> <td>255</td> <td>0</td> </tr> <tr> <td>Gateway:</td> <td>192</td> <td>168</td> <td>1</td> </tr> </table> <p style="margin-top: 5px;">Fill these three entries if a static connection method is used.</p>	<input type="radio"/> Auto IP Assign				<input type="radio"/> DSL (PPPoE)				<input checked="" type="radio"/> Fixed IP Address				IP Address:	192	168	1	Subnet Mask:	255	255	0	Gateway:	192	168	1
<input type="radio"/> Auto IP Assign																									
<input type="radio"/> DSL (PPPoE)																									
<input checked="" type="radio"/> Fixed IP Address																									
IP Address:	192	168	1																						
Subnet Mask:	255	255	0																						
Gateway:	192	168	1																						

WiDRIVE Client Scan Mode Setting

Click on the Client Scan mode icon in the [Select Setup Mode] section to enter the *Client Scan Mode Setting* page.

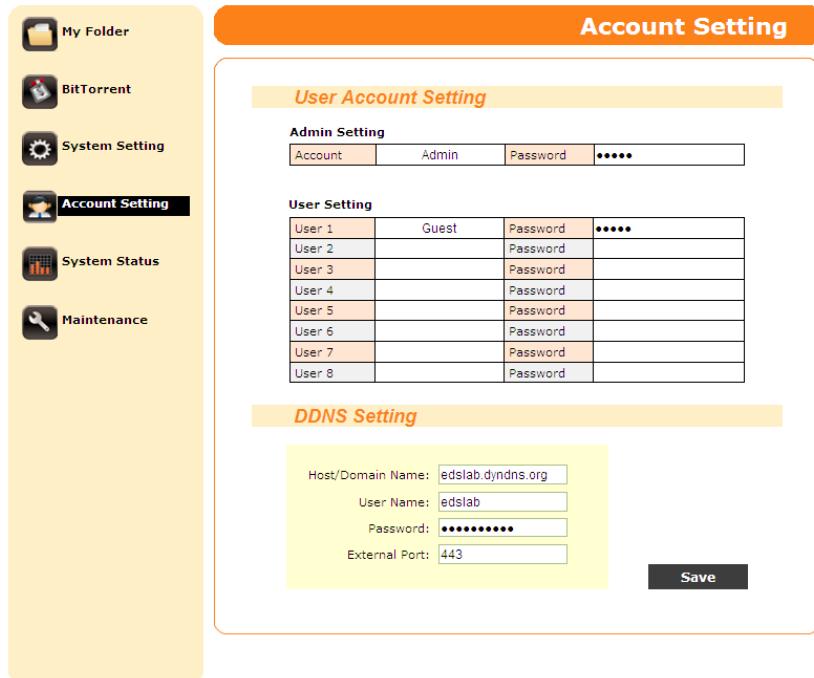
You can setup up to 3 preferred wireless networks. When you connect your WiDRIVE in Client Scan mode, it automatically connects to available networks in the order of your router setting.

1. If your WiDRIVE is in Client Scan mode, it detects wireless signals around and list them down for your selection. Simply click on the selected wireless signal. If your WiDRIVE is in AP Mode, skip this step.
2. If your WiDRIVE is in Client Scan mode and a wireless signal has been selected, click on Apply button of the router, the information will be imported and all you have to do is to enter the security key. Otherwise if your WiDRIVE is in AP Mode, type all required information for the setup.



Account Setting

In the *Account Setting* page you can manage accounts and setup DDNS. Click on Save button to save the changes.



Account	Admin	Password	*****
User 1	Guest	Password	*****
User 2		Password	*****
User 3		Password	*****
User 4		Password	*****
User 5		Password	*****
User 6		Password	*****
User 7		Password	*****
User 8		Password	*****

User Account Settings

Admin account:

- 1 account
- Password can be modified.
- Has the access right to all function pages and folders in your WiDRIVE.

User account:

- 8 accounts
- Account and password can be modified.
- Has limited access right. Can only access *My Folder* page; and cannot see folders except “\Public” and “\Account”.

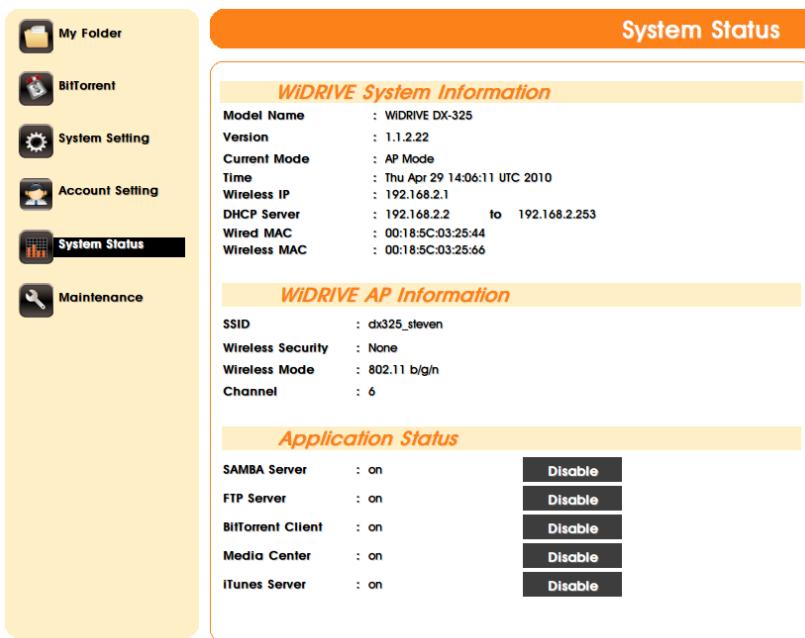
DDNS Settings

You can register a DDNS account from <http://www.dyndns.com> so that you can connect and access files in your WiDRIVE no matter where you are.

Host/Domain Name	Type the host/domain name that you have registered with http://www.dyndns.com .
User Name	Type the user name of your DDNS account.
Password	Type the password of your DDNS account.
External Port	Type the port of your DDNS service.

System Status

You can see the runtime status and application status in *System Status* page.



WiDRIVE System Information

WiDRIVE System Information

Model Name	:	WiDRIVE DX-325
Version	:	1.1.2.22
Current Mode	:	Client Scan Mode
Time	:	Thu Apr 29 13:54:22 UTC 2010
Wired IP	:	192.168.2.1 by DHCP
Wireless IP	:	
DHCP Server	:	192.168.2.2 to 192.168.2.253
Wired MAC	:	00:18:5C:03:25:44
Wireless MAC	:	00:18:5C:03:25:66

Model Name	Model name of your WiDRIVE.
Version	Current loaded firmware version.
Current Mode	Current connection mode, AP mode or Client Scan mode.
Time	Current system time.
Wired IP	AP mode: the IP address obtained from router/modem connected. Client Scan mode: The IP address of your WiDRIVE in local network.
Wireless IP	AP mode: The IP address of your WiDRIVE in local network. Client Scan mode: The IP address obtained from wireless router connected.
DHCP Server	The range of addresses available for WiDRIVE to assign to your internal network.
Wired MAC	The MAC address of the wired network in your WiDRIVE.
Wireless MAC	The MAC address of the wireless network in your WiDRIVE.

WiDRIVE AP Information

This section appears only in AP mode to indicate the relevant configuration.

WiDRIVE AP Information

SSID	:	dx325_steven
Wireless Security	:	None
Wireless Mode	:	802.11 b/g/n
Channel	:	6

Application Status

Indicates the status of applications supported by your WiDRIVE.

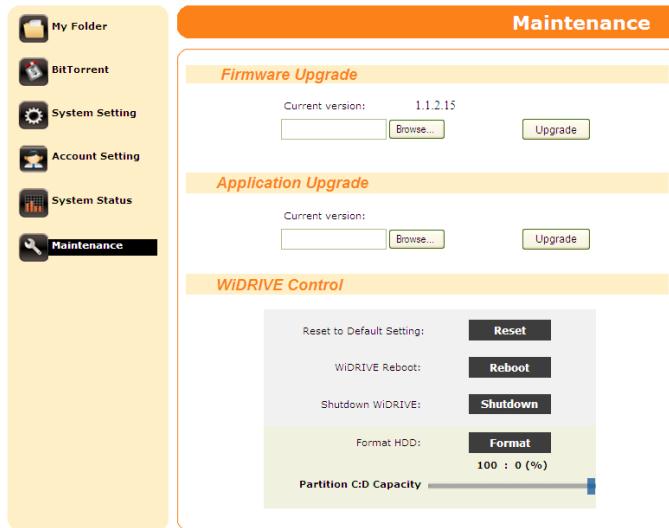
Application Status

SAMBA Server	:	on	Disable
FTP Server	:	on	Disable
BitTorrent Client	:	on	Disable
Media Center	:	on	Disable
iTunes Server	:	on	Disable

Not installed	The application has been downloaded to your WiDRIVE but not yet installed. Press “Install” button to install the application.
ON	The application has been installed and is activated. Press “Disable” button to de-activate the application.
Disabled	The application has been installed and is de-activated. Press “Enable” button to activate the application.

Maintenance

You can update the firmware to the latest version, upload the application package, and initialize your WiDRIVE in the *Maintenance* page.



Firmware Upgrade

You can update your WiDRIVE to the latest firmware to improve the performance.



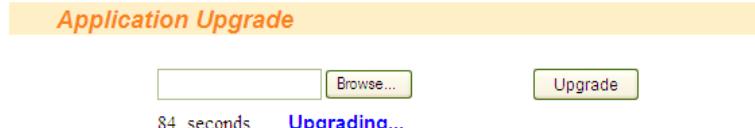
1. Before upgrading firmware please make sure you have the latest firmware downloaded to the device your browser runs on.
2. Click on the “Browse” button to locate the firmware file on your device.
3. Click on the “Upgrade” button and wait for your WiDRIVE to reboot. The System LED indicator blinks between green and orange during upgrade.

Note!

You can always check the latest firmware from our support site:
http://www.edslab.com/support_cat.php

Application Upgrade

You can upload the application package to expand the functionalities of your WiDRIVE.

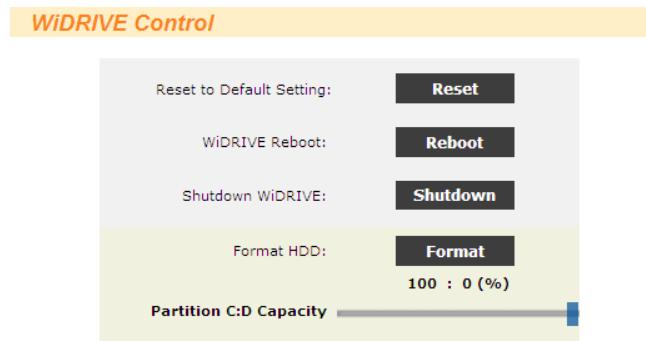


1. Before uploading application please make sure you have the application package downloaded to the device your browser runs on.

2. Click on the “Browse” button to locate the file on your device.
3. Click on the “Upload” button. The system LED indicator blinks between green and orange during the upgrade.
4. Go to *System Status*, press “install” button to complete the application installation.

WiDRIVE Control

Click on the control buttons to proceed WiDRIVE control.



Button	Action
Reset	Reset your WiDRIVE to its factory default settings. You can also press the Reset button in the back of the case for the same operation.
Reboot	Reboot your WiDRIVE.
Shutdown	Shutdown your WiDRIVE.
Format HDD	Format the HDD installed in your WiDRIVE. Step1. Press and drag the adjustment bar to set up the proportion of C and D drives. Step2. Click on “Format” button to format HDD.



Note!

The system LED indicator blinks between green and orange when processing reset, reboot, shutdown, and HDD format.

Note!

The HDD LED indicator blinks between green and orange when processing HDD format.

6 Specification

Dimension

Size 147 x 93 x 31 mm

Wireless Interface

Standard Compliance	IEEE 802.11 b/g/n standards
Frequency Range	2,412-2,462 GHz
TX x RX	2 x 2
Security	128/64 bit WEP, WPA, WPA2, WPA+WPA2

LAN Port

Standard Compliance	IEEE 802.3u (100 Base-TX), 802.3 (10 Base-T)
Speed	10/100 Mbps
Number of Ports	1 WAN port

USB Interface

Standard Compliance	USB 2.0 high speed
Connector	Mini B type

Internal Storage Support

Form Factor	2.5" HDD, Prevailing HDD capacity
Interface	SATA
File Systems	FAT32, NTFS

Data Access

Web Folder, Windows My Network Space, FTP, Utility (.Net Framework 2.0 required operation Utility), USB Mode

Web Control

File Operations	File management for copy, move, rename, delete, search and sort the files
Applications	BitTorrent download, SAMBA, WiFi Signal Scan, iTunes Server, Media Center
Management	Account control, IP (DHCP, Static), DDNS, firmware upgrade, application package upload, factory reset, reboot, HDD format

Others

Power	AC 110/230V 50/60HZ, DC 5V +- 5%, 2A USB power in USB mode
Regulatory	FCC, CE

5 WiDRIVE Applications

You can visit our official website for the latest release.

Install the applications

1. Upload the application package downloaded. See “Application Upgrade” on page 25 for operation guide.



2. Press the “Install” button on *System Status* to install the application.

Enable/disable the applications

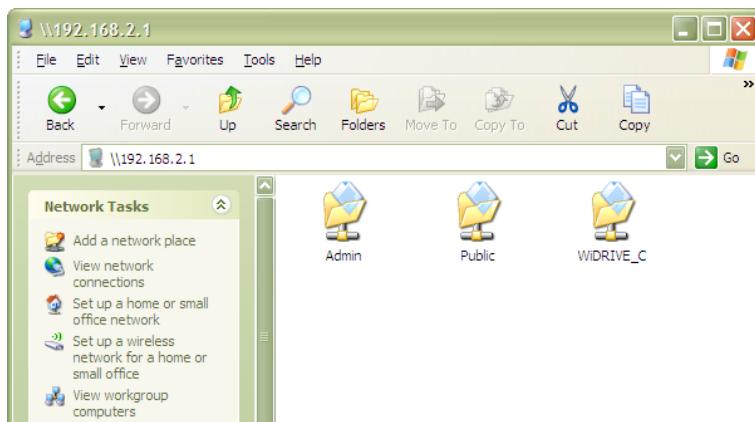
Press “Enable” button to enable the installed application. See “Application Status” on page 24 for operation guide.

Application Status	
SAMBA Server	: on
FTP Server	: on
BitTorrent Client	: on
Media Center	: on
iTunes Server	: on
	Disable

The Default Applications in your WiDRIVE

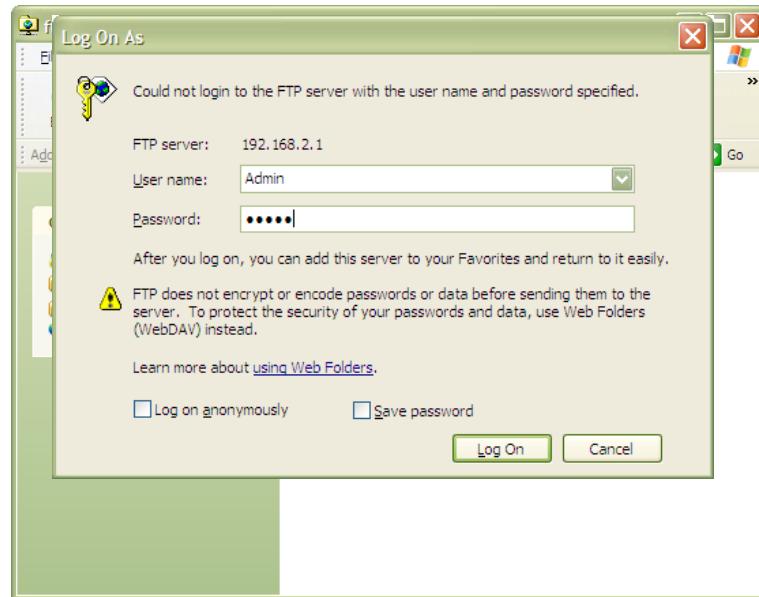
SAMBA Server

You can access data in your WiDRIVE via My Network Space in Windows operation system. Type “`\\WiDRIVE IP`” in the address box of the File Manager in your Windows OS and then type your WiDRIVE account and password to log on.



FTP Server

You can access data in your WiDRIVE via File Transfer Protocol (FTP) directly. Type “<ftp://WiDRIVE IP>” in the address box of the web browser or your FTP software and then type your WiDRIVE account and password to log on. The port is set to 21.



BitTirrent Client

Enable BitTorrent Client to activate the *BitTorrent* page. Please refer to BitTorrent on page 17 for more operation guide.

Media Center

You can stream media files from your WiDRIVE to a UPnP supported home entertainment device such as SONY® PSP and XBOX® 360.

iTunes® Server

iTunes® on your computer automatically detects and add your WiDRIVE to the Shared list.



7 Regulatory Information

FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**CAUTION:**

1. To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.
2. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Warning:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

CE Compliance

This product is CE marked in accordance with the requirements of the applicable EU Directives. Responsible for CE marking is EDSLabs Technologies Inc. A copy of the official Declaration of Conformity can be obtained from following website: <http://www.edslab.com>

Working Environment

The Electromagnetic Compliance (EMC) of this product has been verified typically for this product category for a so called Residential, Commercial & Light Industry Environment. Any other working environment has not been verified by EDSLabs Technologies Inc. and the use of this product in these working environments is maybe restricted or cannot be recommended. Possible consequences of the use of this product in non verified working environments can be: Disturbances of other products or of this product in the nearby surrounding area with temporarily malfunction or data loss/corruption as result. Example of non verified working environments and related advices:

Industrial environment (e.g. environments where a mains voltage of 380V three-phase is being used mainly):

Danger of disturbances of this product due to possible strong electromagnetic fields especially near to

big machinery or power units.

Medical environment:

The compliance to the Medical Product Directive has not been verified by EDSLabs; therefore this product cannot be used as a medical product without further verification. The use in usual office environments e.g. in hospitals should be no problem if there is no restriction by the responsible administration.

This product is not certified as a medical product according to the Medical Product Directive 93/42 EEC.

Automotive environment:

Please search the owner instructions of the related vehicle for advices regarding the use of this product (category).

Aviation environment:

Please follow the instructions of the flight personnel regarding restrictions of use. Additional environments not related to EMC

Outdoor use:

As a typical home/office equipment this product has no special resistance against ingress of moisture and is not strong shock proofed.

8 Trouble Shooting

Question	Answer
I cannot detect WiDRIVE on computer's wireless network connection. What could be the cause?	<p>This could be due to a weak wireless signal or interference from other devices (radio, cordless phone, microwave oven, etc).</p> <p>Do check that the WiDRIVE is operating in AP mode. A computer will not be able to detect if WiDRIVE is switched to Client Scan mode.</p> <p>To ensure a good wireless signal, you may place WiDRIVE closer to your computer and make sure no metallic obstruction is blocking the embedded antenna. You may also try renewing the wireless network connection on your computer and start a new network scan. This can be done by selecting [Repair] option on the Windows's Wireless Network Connection.</p>
I forgot the Admin user name and password for login WiDRIVE, what can I do?	Restore WiDRIVE to its original factory condition by powering up WiDRIVE and then pressing the reset button using a paper clip.
I cannot access the HDD installed in the WiDRIVE.	Follow the instructions in 2. Set up your WiDRIVE-HDD Installation. Please make sure you have installed your HDD correctly.
I cannot find any WiDRIVE by using my WiDRIVE Utility, what can I do?	The UPnP service might be blocked by firewall installed in your computer. Please turn off the firewall service on Windows as well as your antivirus application and then try again.

9 Contact Information

For the latest utility, application, and support document downloads you can visit EDSLab website:
[Http://www.edslab.com/](http://www.edslab.com/)

For technical support please contact support@edslab.com.

For general inquiries please contact sales@edslab.com.