

RAVPower

RP-WD03

Advanced User Guide

Thank you for your purchase of a RAVPower RP-WD03 FileHub. To get the most from your FileHub, please be sure to read all instructions thoroughly and keep them where they will be read by all who use the product.

Symbols and Conventions

To make it easier to find the information you need, the following symbols and conventions are used:



This icon marks notes; information that should be read before using the FileHub.



This icon marks references to other pages in this manual.

Menu items, options, and messages displayed in the admin setup page are shown in **bold**.

FileHub Settings

The explanations in this manual assume that default settings are used.

Package Contents

Confirm that the package contains the following items:



HT-WD03 FileHub



Cable



Quick Installation Guide

Contents

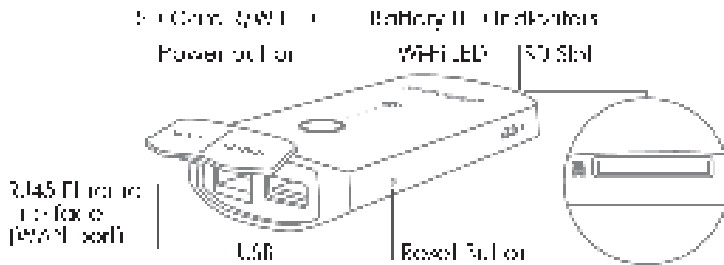
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Getting to Know the FileHub

Take a few moments to familiarize yourself with FileHub



Power Button:

Short Press (1 second): Activates battery LED indicators

Long Press (3 seconds): Activates Internet/LAN

Battery LED Indicators:

Indicate how much battery is left.



As below :

LED1: 0~25%

LED2: 26~50%

LED3: 51~75%

LED4: 76~100%

 If you long press the power button and all lights flash, which means the battery remaining capacity is not enough to power on. Please recharge your FileHub ( [124](#))

Wi-Fi LED:

Flashing Blue: System loading

Solid Blue: System loaded

Flashing Green: Connecting to the Internet

Solid Green: Internet connected

RJ45 Ethernet Port:

Connect to your existing router/modem to set FileHub as AP/Bridge/Router

USB Port (Output: 5V/ 1A):

To connect to your USB storage and to charge your devices

Micro USB Port (Input: 5V/ 1A):

Charge your FileHub

Reset Button:

Press with a small pin for 10 seconds to reset your FileHub

Features

Wireless Sharing

Share Photos/Videos/Documents from your USB storage, smartphone or tablet with friends and colleagues through FileHub wireless network

Fantastic Four

Not only can you add single USB storage to the WD03, you can add up to 4 USB drives by using a USB hub to connect them.[Notes: it might not be able to power up all the USB drive when the size is too large]

Chromecast Friendly

Unable to get onto a local network? Connect Google Chromecast to your WD03 and play videos and music on your connected USB storage through Chromecast to the big screen.

Control Via App

Available for FREE from App Store and Google Play. The brand new FileHub Plus App can change network settings, browse content from USB storage, and move files between devices. Better user-friendly design means you can start using the WD03 straight away.

Travel Router

Take the FileHub RP-WD03 and you have a battery powered travel router inside your pocket. Provide you with convenient router functions while you are on the go. It offers 3 router modes to suit today's popular network demands:

AP Mode: Plug in an Ethernet cable and it will take a wired signal and turn it wireless.

Bridge Mode: Never pay for multiple network connections, use WD03 to connect and share connections.

Router Mode: When connected to a DSL or cable modem, it works as a regular router.

External Battery Pack

The core of WD03 is a 6000mAh external battery charger capable of charge typical Smartphone 2 – 3 times, extending the run time of your phone or tablet whenever you need.

Configure the FileHub

Connection

The FileHub WD03 can create a limited local wireless network (no full internet access), where the central functions are performed through the local network. To connect the FileHub WD03 wirelessly, please follow the steps below:

Example: Android

1. Press the power button for 3 seconds to power on the device. Wait for the Wi-Fi indicator to be ready

2. Click **Settings** on the phone



3. Click **WLAN** and Open Wi-Fi



4. Select **FileHubPlus-XXXX**



5. Enter the default password: 11111111 (8 x 1's), click **Connect**





☞ The same process applies for iPhone and other Smartphones when connecting the FileHub to local WiFi.

6. Open **Browser**, enter **10.10.10.254** in the url box





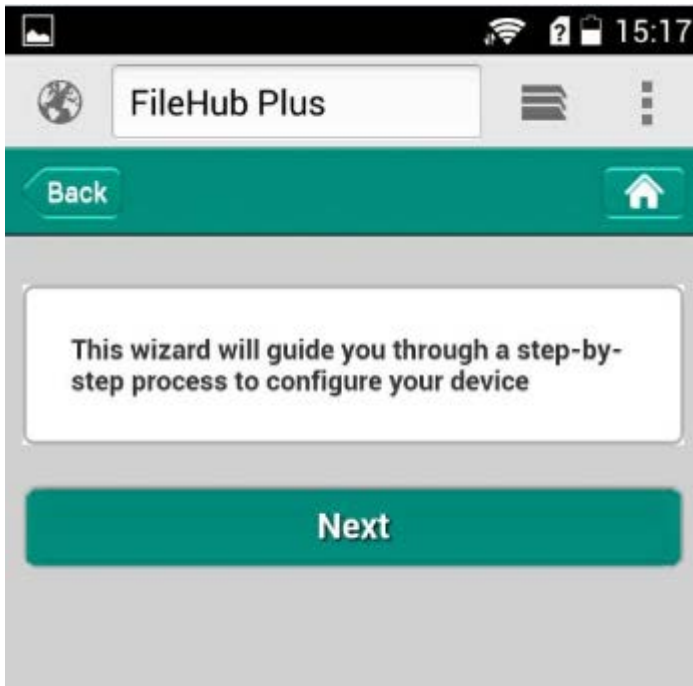
7. Log in with default user name: **admin**, password: (leave it empty)

8. Then you will be prompted to the Setup Wizard



The wizard only helps you to connect your FileHub to Internet. To

get more usage, please step to [32](#) to get full guide.




9. Click **Next** and set up the Internet connection on this page. (Taking wireless access as an example here, click [38](#) to get all modes for wired/wireless access)

10. Click **Scan** to search available Wi-Fi. Select your Wi-Fi and enter the password.




11. Click **Next**, then you can change the default FileHub Wi-Fi SSID and password to what you want. (To get more information about the

Wi-Fi & LAN settings, please click  [88](#))




12. Click **Next** and then you can change the password of the admin account.



13. Click **Next** then you will be prompted to wait 2 minutes while the system reboots. After the system has successfully rebooted, please reconnect to the FileHub wirelessly. Then your FileHub connects to the Internet.  The Wi-Fi LED indicator will turn to green.



 If you change the SSID and password of FileHub, you may need to

forget the password of FileHub on your phone first.  [92](#)

e.g. www.cnn.com



More on FileHub

Wireless Sharing

You can create your own wireless personal media sharing center.


 Download the "FileHub Plus" app from App Store or Google Play first.

You may also download it from RAVPower website: www.RAVPower.com




Example: Android


1. Insert a USB thumb drive, a card reader (up to 64GB), or a USB HDD (supported format: NTFS/FAT16/FAT32, up to 4TB) into the USB port of the FileHub, then power on the FileHub.

 RP-WD03 supports a USB hub with up to 4 USB devices (2 hard disks max)

2. Download the app **FileHub Plus** from Google Play to your Android phone

3. Connect phone to the FileHub wirelessly
4. Run the **FileHub** app

 Also you can access the USB storage via the admin web end

10.10.10.254 ( 66). To get full use of wireless sharing, we recommend the **FileHub Plus**.



5. Login with the default user name “admin” and leave the password

field empty. (The username and password are the same as the key you use to login the admin configuration page 10.10.10.254)



User name

A text input field with a light grey border. On the left, there is a grey person icon. The text 'admin' is entered in the field. On the right, there is a grey downward-pointing chevron icon.

Password

A text input field with a light grey border. On the left, there is a grey padlock icon. The text 'Enter the password' is displayed in a light grey font. A red rectangular box highlights the text 'leave this field empty' in red, which is overlaid on the right side of the input field.

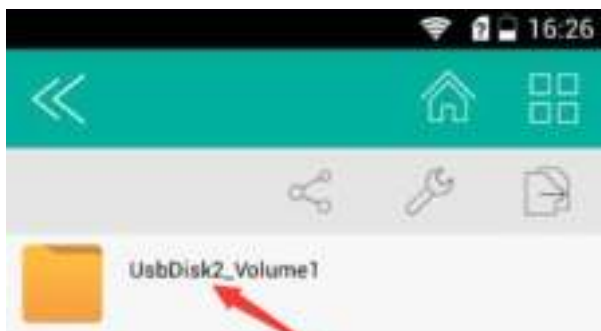
Remember password

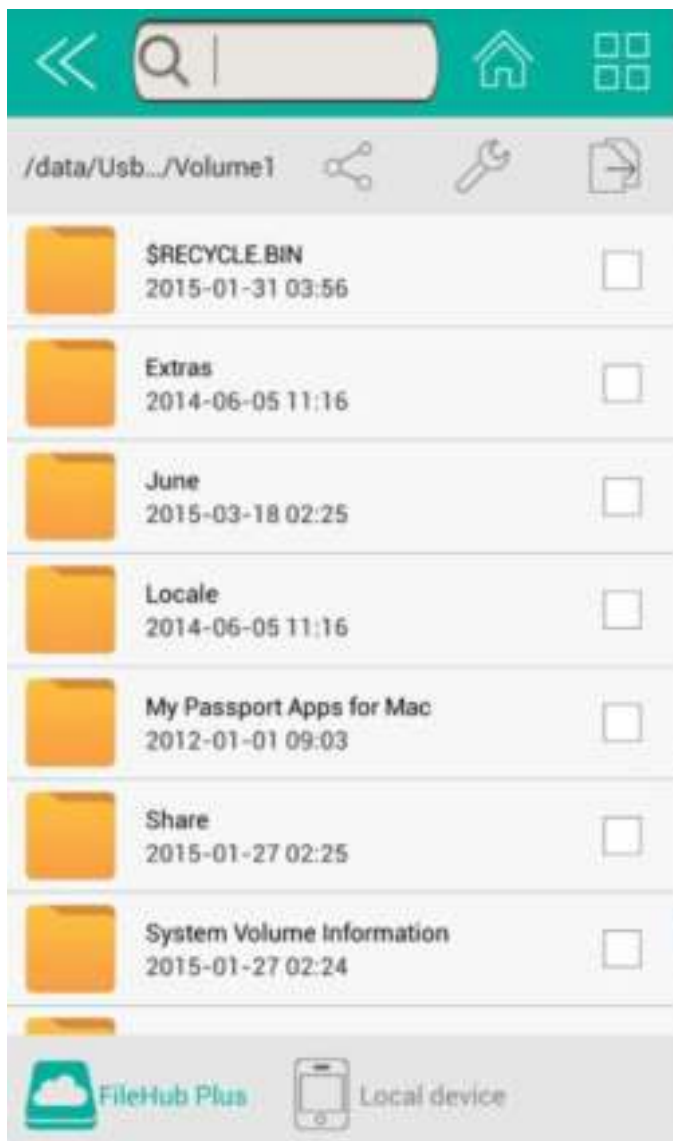
A teal rectangular button with the word 'Cancel' in white, sans-serif font.A teal rectangular button with the word 'OK' in white, sans-serif font. A red arrow points from the top right corner of the button towards the center.

6. Tap on **File/Folder**, and select **FileHub Plus**. All of the contents can

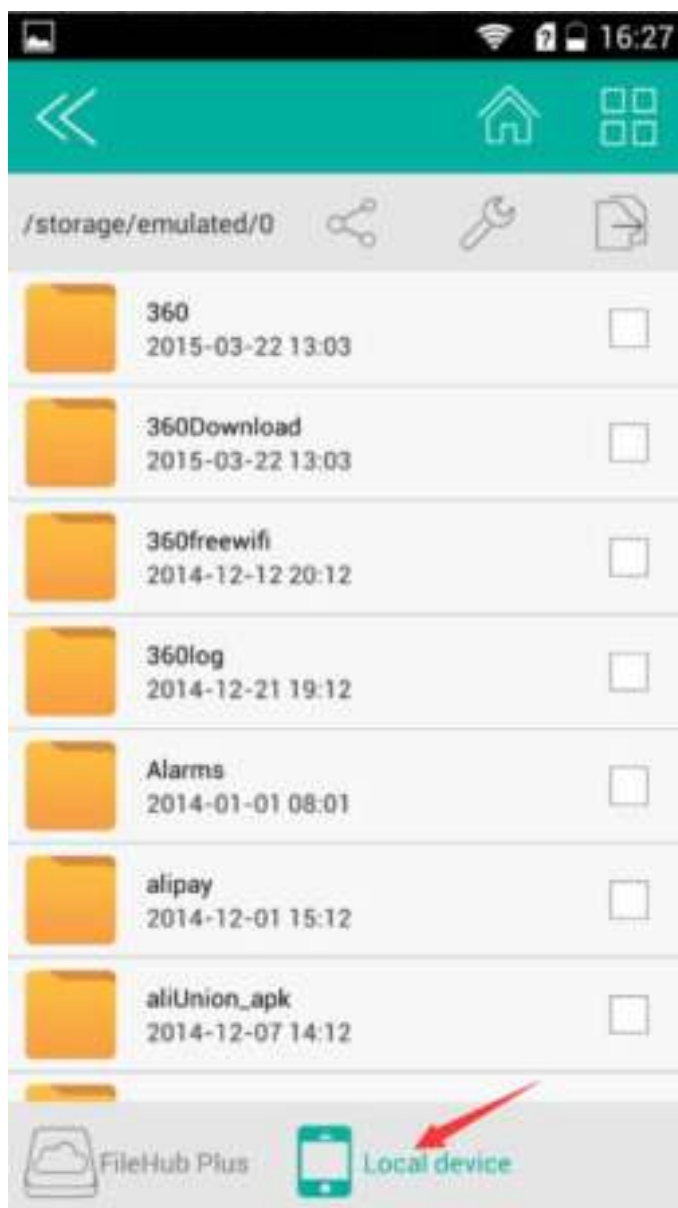
be found under the main folder **UsbDisk2_Volume1**









7. Tap on **Local device**. All of the contents on the phone can be read.




 If you need specific instructions for the **FileHub Plus** app, please refer to the instructions listed on the RAVPower website www.RAVPower.com

Travel Router


 Similar settings can also be performed on any Mac computers, or mobile devices such as phone, tablet, etc.

Access Point Mode

Example: Android

 FileHub will automatically become an access point once:

1. Power on the FileHub;
2. Plug a network cable from a **well-established router** to FileHub, wait for the blue Wi-Fi indicator light to stop flashing and remain steady;
3. Connect phone to the FileHub wirelessly;
4. FileHub now connects to the Internet.

 No need to change any parameters once it becomes an Access Point.

Router Mode

FileHub connects to a DSL or cable modem and turns it into a regular wireless router.

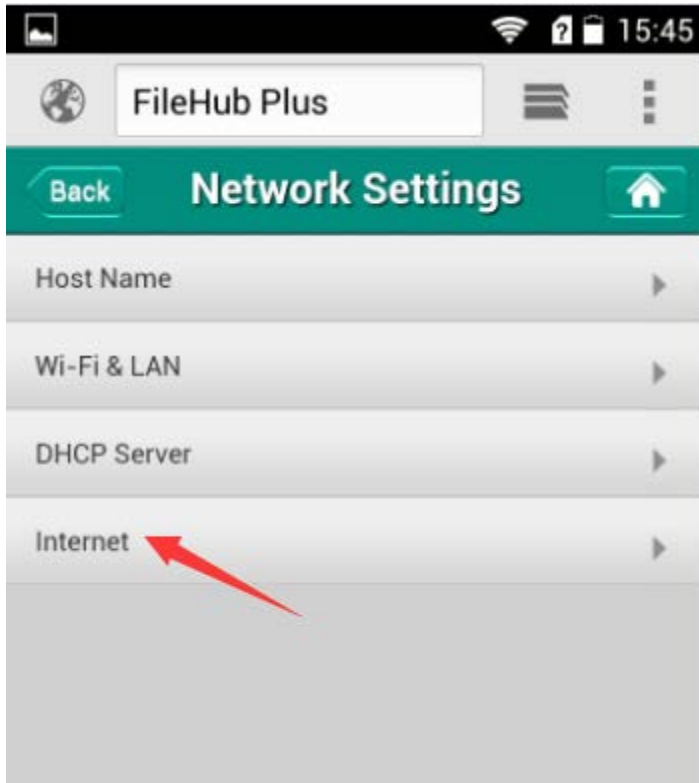
Example: Android

1. Power on FileHub
2. Plug an Ethernet cable from **a well-established modem** to FileHub
3. Connect phone to FileHub wirelessly
4. Login 10.10.10.254
5. Click **Settings**, then select **Network Settings**





6. Select **Internet**, choose **Wired Access**.



 FileHub provides Dynamic IP, Static IP and PPPoE for router setup.

Please consult with the network administrator or refer to the wired network user documentation for best selection.

If using a **DSL** Internet, please enter the **PPPoE** username and password.

Click **Save**

Example:



Back Internet

User Name
280014653423

Password
.....

Service Name

Primary DNS
10.0.0.87

Second DNS
10.0.0.125

IP Address
10.0.2.101

Subnet Mask
255.255.255.0

Gateway
10.0.2.1

Save

FileHub now connects to the internet (e.g. www.cnn.com)



If a static IP address is issued by the network provider (please request

network provider), the given static IP fields (including network mask and gateway) must also be set to the router. Click **Save**

The screenshot shows a mobile application interface for configuring Internet settings. At the top, there is a status bar with icons for signal, Wi-Fi, battery, and the time 15:52. Below this is a teal header with a 'Back' button, the title 'Internet', and a home icon. The main content area is divided into sections. The first section is titled 'PPPoE' and contains two options: 'Static IP' and 'Dynamic IP'. The 'Static IP' option is selected, indicated by a green checkmark and a red rectangular highlight. Below this, the 'Dynamic IP' option is visible. The second section is titled 'IP Address' and contains four input fields, all of which are highlighted with a red rectangular border. The first field is 'IP Address' with the value '192.168.1.107'. The second field is 'Subnet Mask' with the value '255.255.255.0'. The third field is 'Gateway' with the value '192.168.1.1'. The fourth field is 'Primary DNS' with the value '192.168.1.1'. Below this is the 'Second DNS' field, which is currently empty. At the bottom of the screen is a large teal button labeled 'Save'.

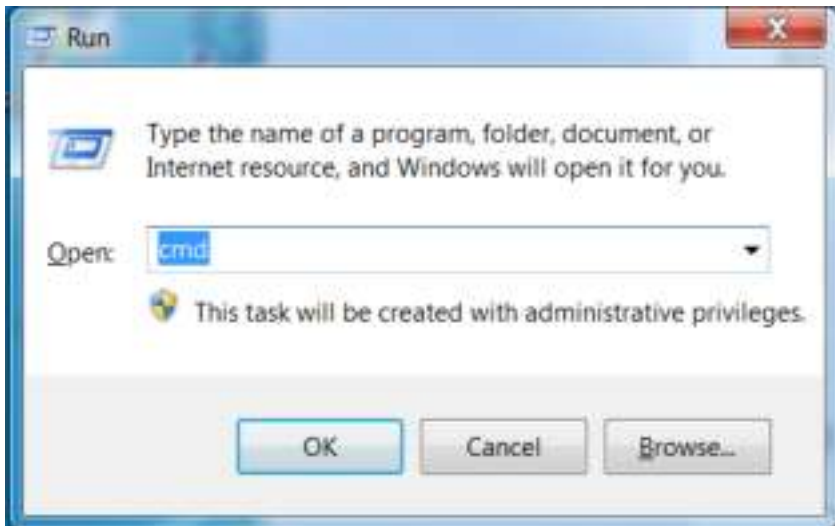
FileHub now connects to the internet.

Tips

When connecting devices with network cables, please make sure the cable is connected securely. Loose cables are one of the most common sources of network setup problems.

If a wired network type cannot be chosen, an alternative method is available to set up the router mode

1. Connect the computer directly to the wired connection with an Ethernet cable
2. Press **win+R** on the keyboard (the "win" key is located between the Ctrl and Alt buttons)



3. Enter **CMD**, a black window pops up; enter **ipconfig**. Get the IP address, subnet mask and default gateway assigned by the router/modem.

```
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>ipconfig
```

```
Administrator: C:\Windows\system32\cmd.exe
Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix . . . . . :
    Link-local IPv6 Address . . . . . : fe80::9c5b:2682:49db:e5c8::12
    IPv4 Address. . . . . : 10.0.2.151
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 10.0.2.1

Tunnel adapter Local Area Connection* 11:

    Connection-specific DNS Suffix . . . . . :
    IPv6 Address. . . . . : 2001::9c38:96d7:38ac:27e1:f5ff:fd68
    Link-local IPv6 Address . . . . . : fe80::38ac:27e1:f5ff:fd68::16
    Default Gateway . . . . . :

Tunnel adapter isatap {6659F3C9-B864-4707-9303-0C0E16581F19}:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . . . . . :

C:\Users\Administrator>
```

4. Connect FileHub to the wired connection with an Ethernet cable
5. Login 10.10.10.254
6. Click **Settings** → **Network Settings**

7. Select **Internet** , then choose **Wired Access** and **Static IP** from the drop-down list
8. Enter into the IP field the same IP information assigned by the wired network. Click **Save**

FileHub now connects to the internet

Bridge Mode

Definition: The router borrows an existing wireless Internet and broadcasts it using a different network name (SSID) and password. This application can create two individual networks for two groups of users sharing one Internet connection.

Application: Small restaurants, shops, bar, home, office or others where Internet service needs to be provided for guests without revealing the password of the existing network for hosts.

Configuration:

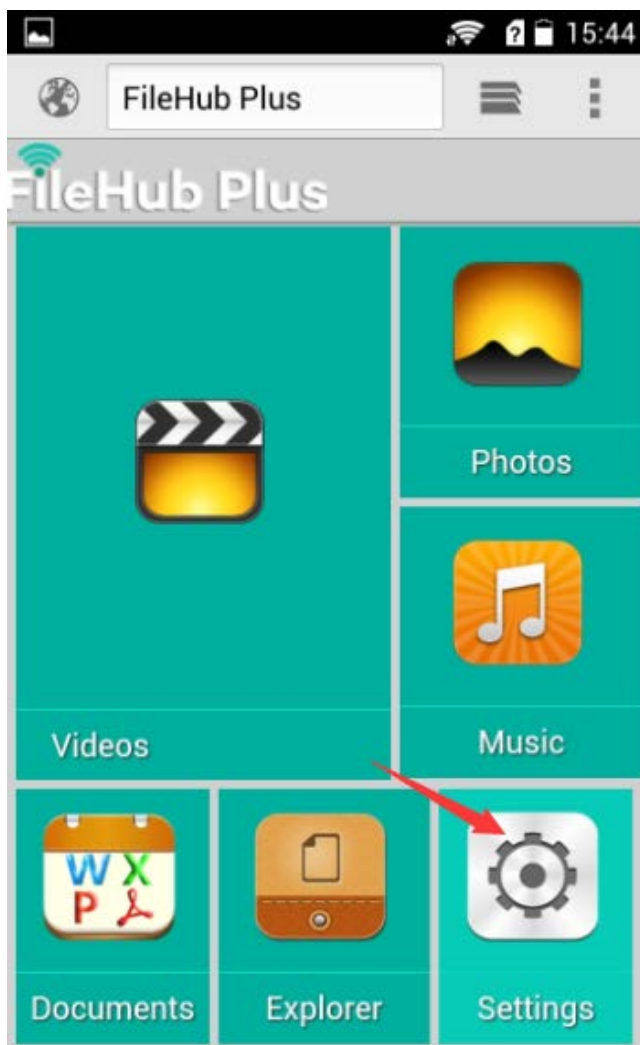
There are two configuration modes:

1. Wi-Fi is secured, which requires entering password,
2. Wi-Fi is open, but has an authorization page.

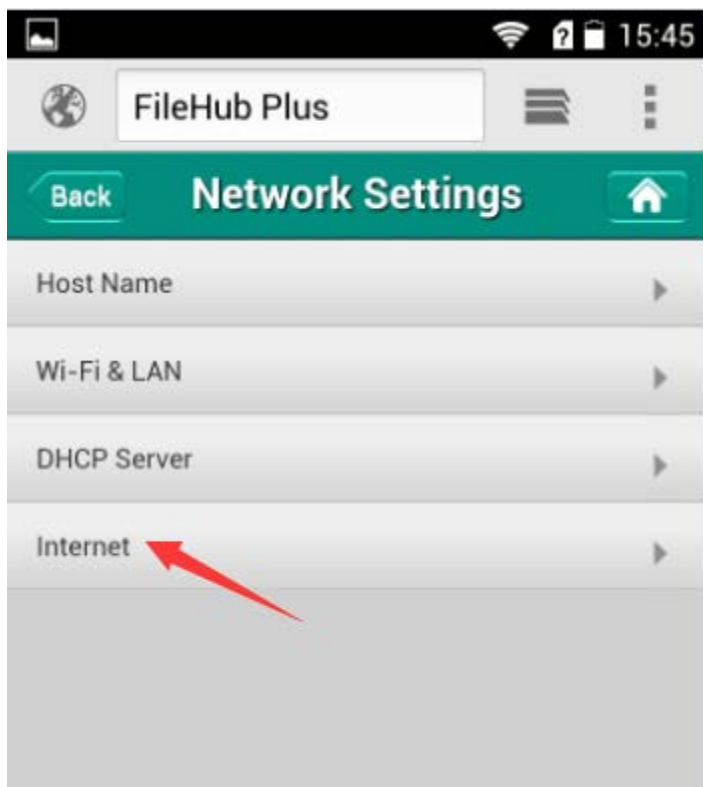
Configuration #1:

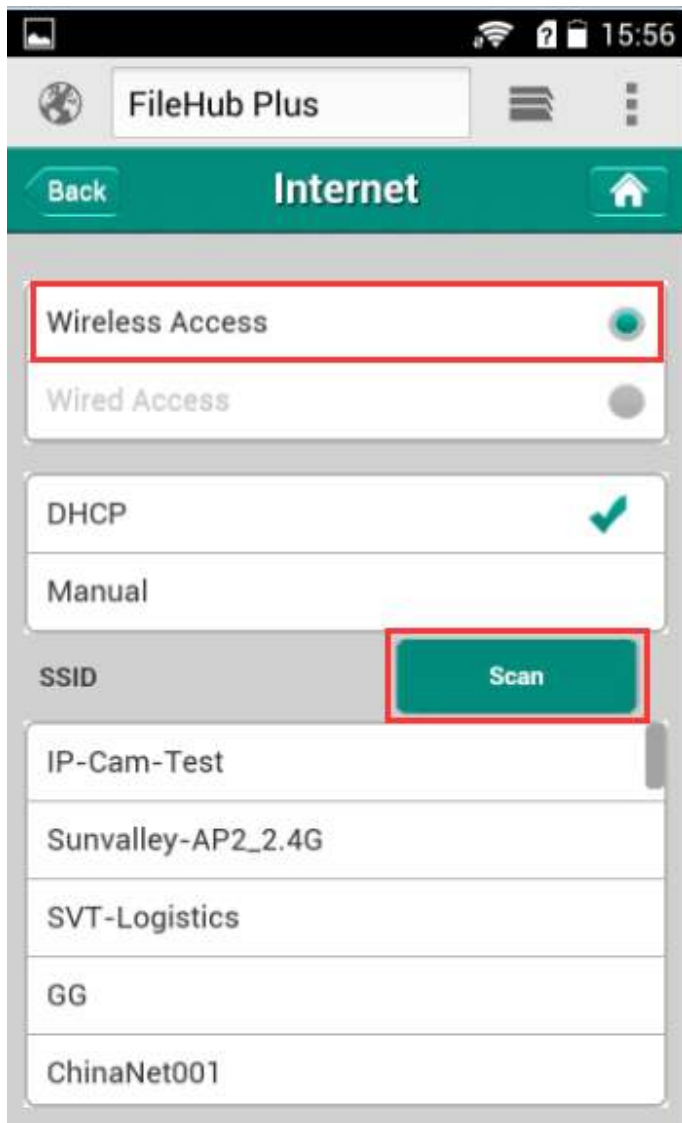
Example: Android

1. Power on FileHub
2. Connect your phone to FileHub wirelessly
3. Open browser and log in 10.10.10.254
4. **Settings** → **Network Settings** → **Internet**, choose **Wireless Access**, Click **Scan** to search available Wi-Fi

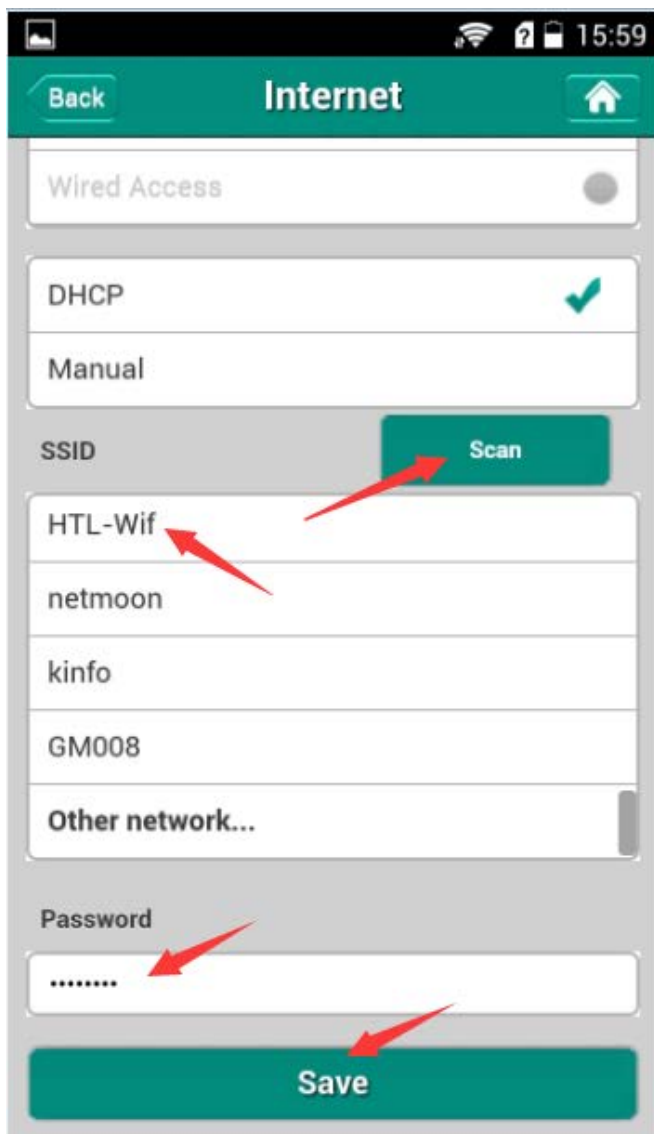




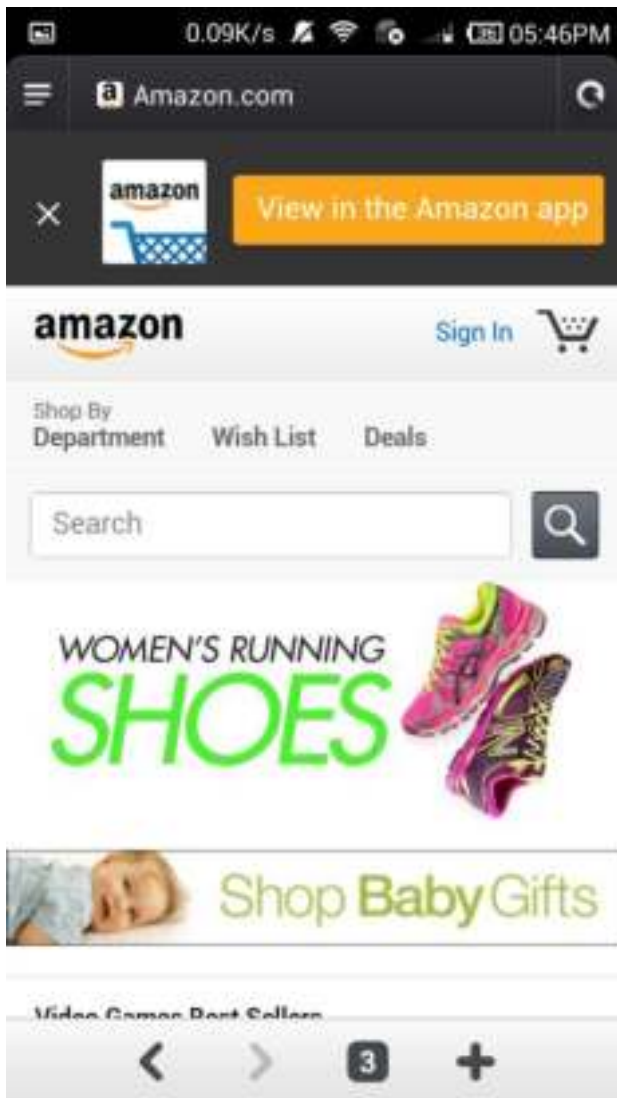





5. Select your wireless network. (e.g. **OpenWifi**), enter the corresponding password. Click **Save**



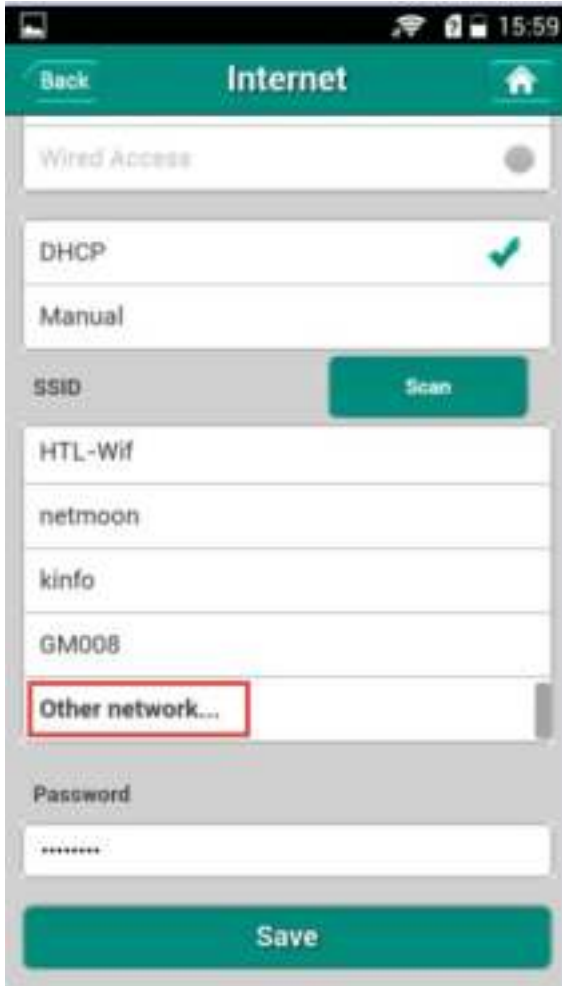
FileHub now connects to the internet



📎 FileHub can store the connected wifi.

 FileHub can connect to a hidden SSID

1. Pull the SSID drop-down list to bottom. Click **Other network...**



2. Enter the SSID and password, click **Save**. Wait a few seconds. The FileHub will connect to the hidden SSID.




Configuration #2:

The setting applies to the wireless network that you have to enter the **username** and **password** to connect or click through the **Terms of Service**

1. Get the user name and password of the Wi-Fi (if necessary)

2. Connect phone to FileHub wirelessly
3. Open browser and log in 10.10.10.254
4. **Settings**→ **Network Settings** → **Internet**, choose **Wireless Access**, click **Scan** to select the Wi-Fi, then leave the password empty, click **Save**
5. Open another page of browser, the authorization page pops up, login with the username & password

FileHub now connects to the internet

 Please clear the browser cache if the connection failed the first time and then try again.


System Tools

Language

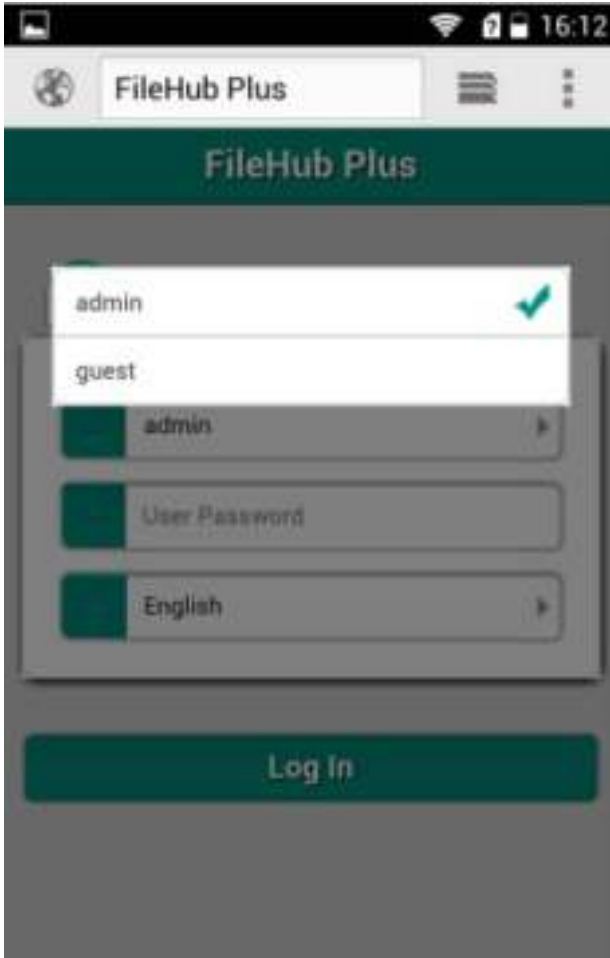
At the login page, you may change the **language**




And select the account






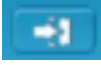
 To get more information about setting the admin& guest account,

please click  [79](#)



 Guest can only visit the content of the folder “Share” which is created automatically on your USB storage. You can put the files that you want others to view into this folder. And guest can edit the password of guest account.

Symbols

	it marks how much battery left of your FileHub
	it marks that your FileHub doesn't connect to any internet network
	it refers that you FileHub is connected to internet
	click it to redirect you to the main page
	click it to go back to the last page
	click it to log out the admin page

Main Page

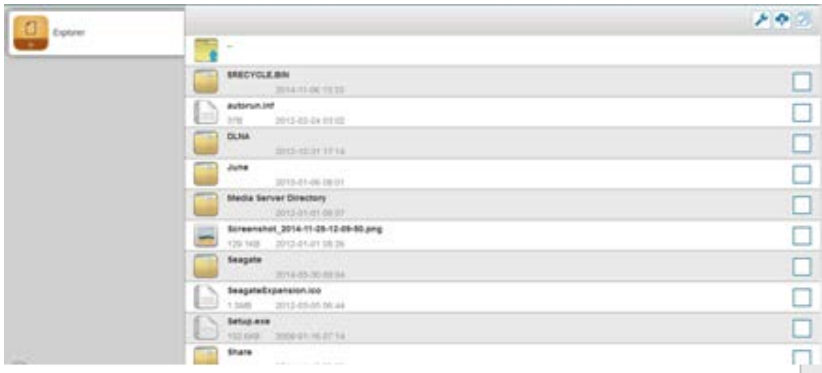


Videos/Photos/Music/Documents show the contents of the DLNA folder [106](#)

Explorer

It shows the contents of the USB storage that attached to the FileHub

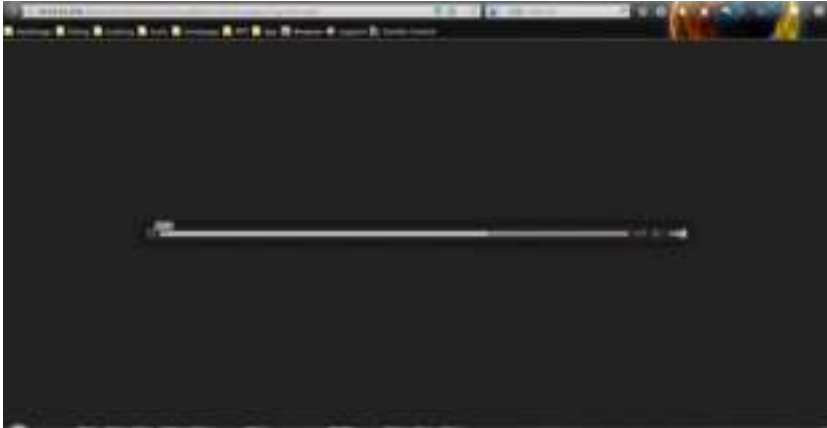
Example: Windows 7/Firefox



Here you may view the pictures:




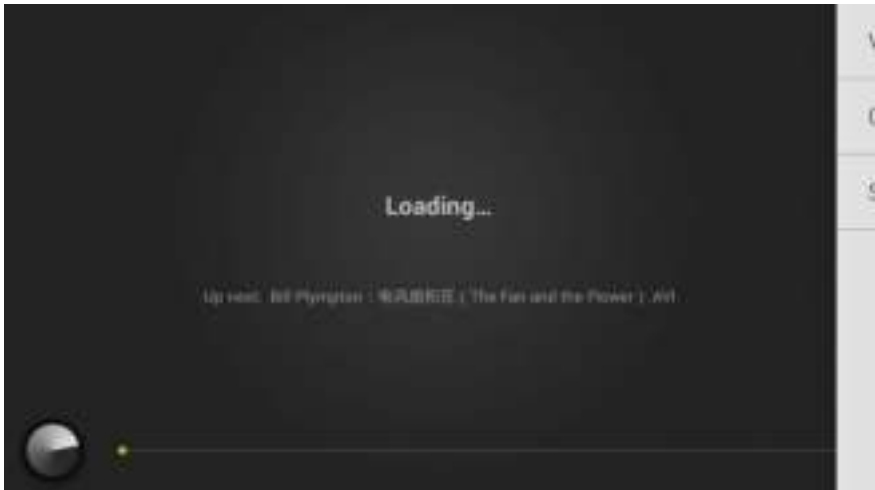
Play music:



Watch videos:

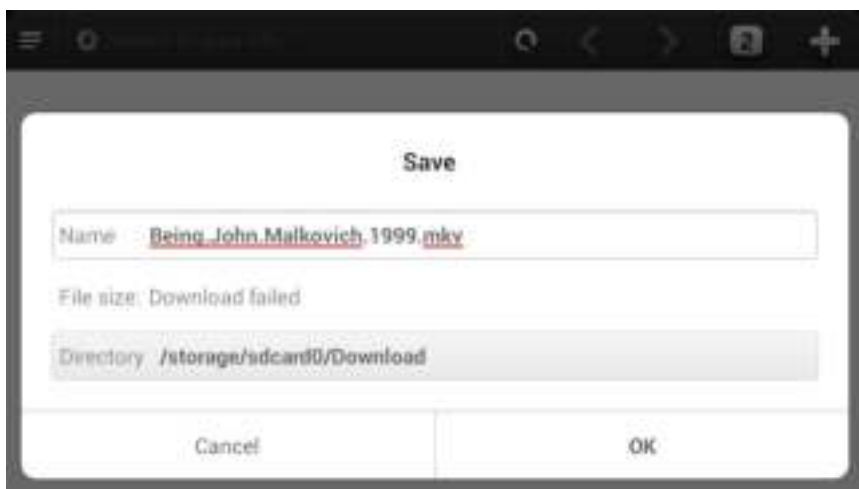


 Videos will be downloaded to your computer then open in the player you select. If you open videos on your phone or tablets, the supported formats of your phones/tablets can be opened directly.



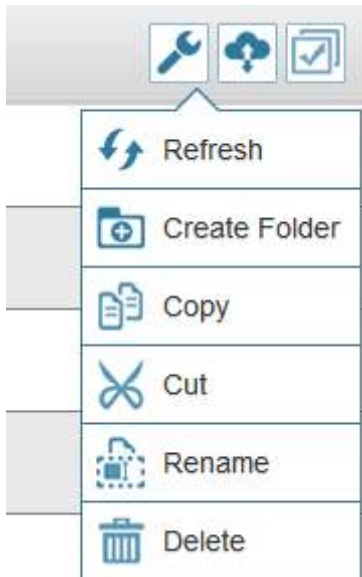






If your phone doesn't support the formatted video, it will be downloaded on your phone:





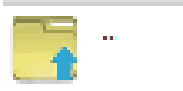



So we suggest you to use the application **RAVPower FileHub Plus** to perform the media sharing function, which is more user friendly.

Here are some basic functions to manage your USB storage:



 Refresh	To refresh the display
 Create Folder	To create new folders on you USB External storage devices
 Copy	To copy files and paste them into another folder
 Cut	To move files and paste them into another folder

 Rename	To rename files or folders
 Delete	To delete the files you do not need any more
 Upload	To upload the files in your PC/Laptop to USB External Storage
 Select All	To select all the files below
	Up one level
	Stream this to your DLNA devices that connects to your FileHub wirlessly

Information

The information of your FileHub and the USB storage device can be checked here.

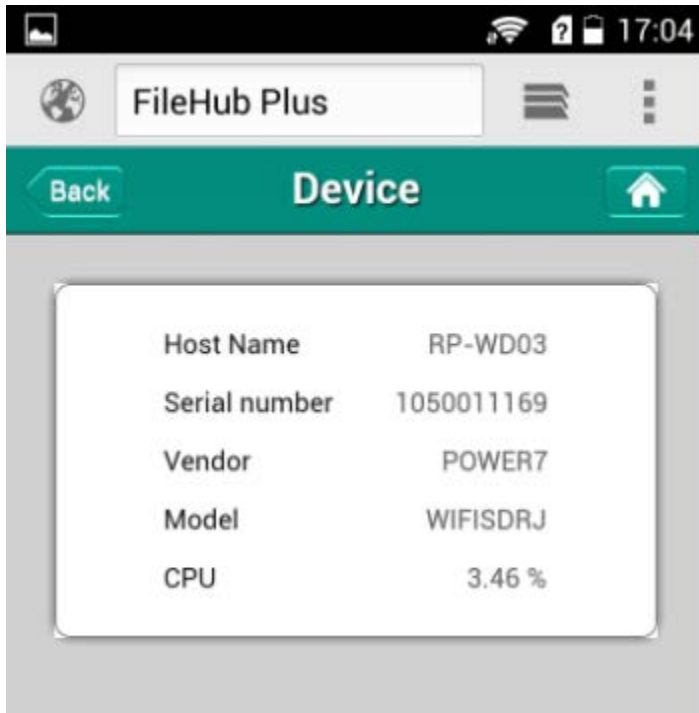
Login 10.10.10.254 → **Settings** → **Information**






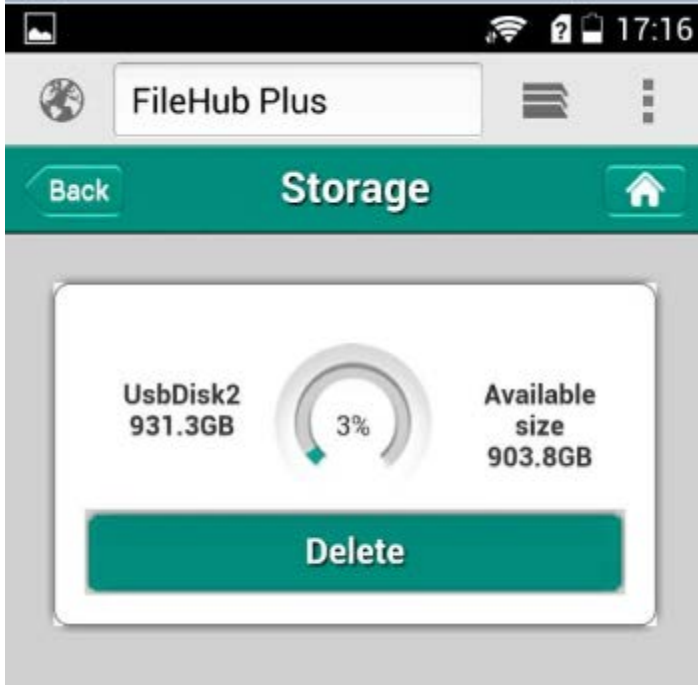


Click **Device** to view the FileHub information



 **Serial number:** it refers to which batch your FileHub belongs to, which is the same as that S/N labeled on the bottom of your FileHub. When you have some problems with your FileHub, providing the serial number to our Tech Support will help to solve the issues.

Click **Storage** to view the information of the USB storage that you attach to the FileHub



You may click **Delete** to eject your USB device

User Settings

Login 10.10.10.254, **Settings** → **User Manager**



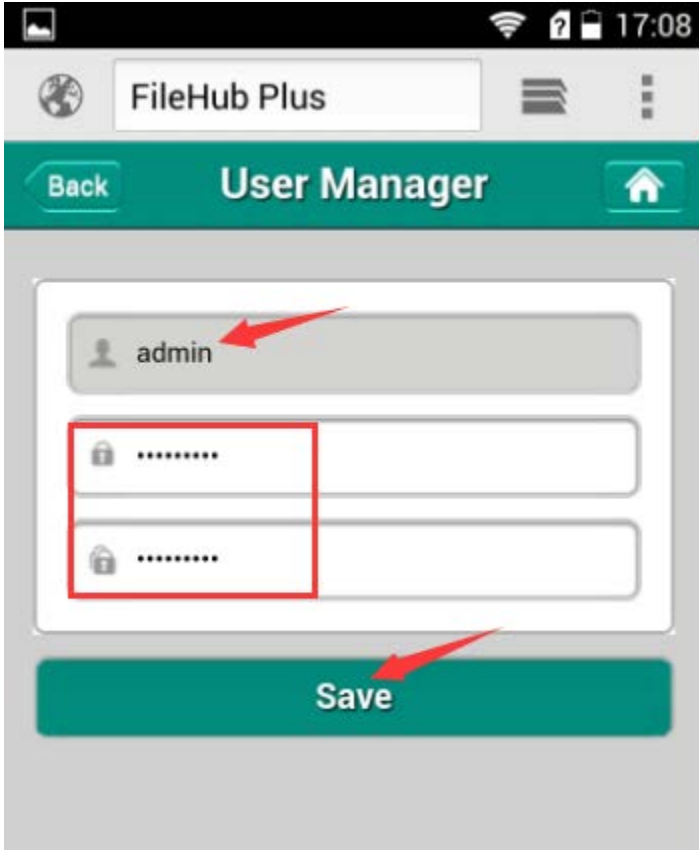
Admin

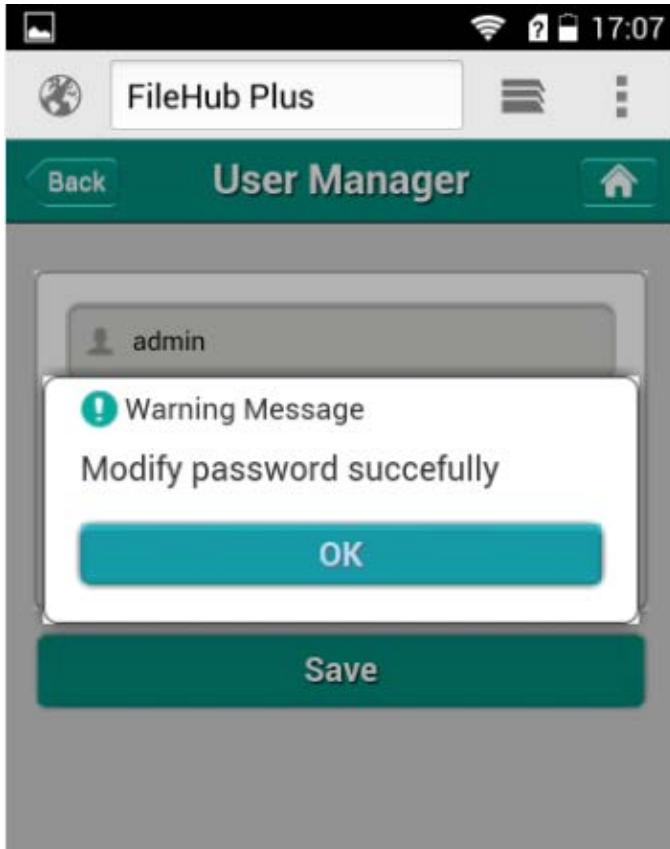
Select **Admin**. Here you can change the password of admin account.

Enter your new password, click **Save**

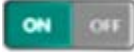
Note: Please make sure you remember the password that you change. Otherwise you have to reset the FileHub to factory settings to enter

10.10.10.254





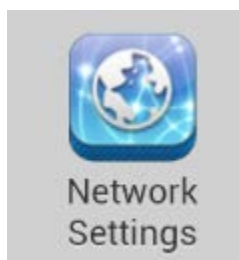
Guest

Click **guest** then Click  to enable or disable the guest account. And you can set the password of guest account here.



Network Settings

Log in 10.10.10.254, **Settings** → **Network Settings**



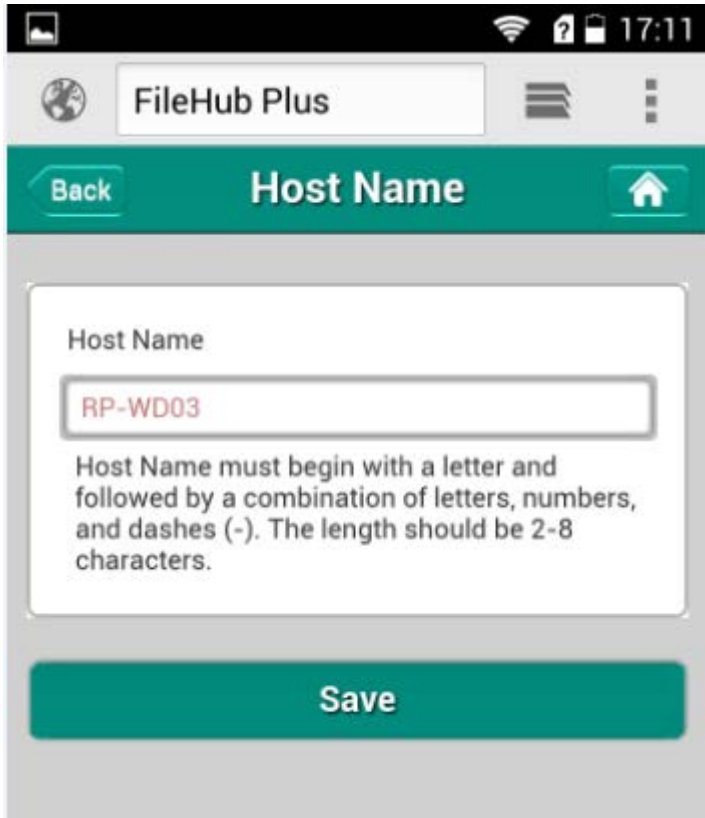


Host Name

FileHub host name can be changed here:

Select **Host Name**, enter the new host name, click **Save**

Host Name



Now the host name has changed.

SSID Settings

To change the SSID name and password of FileHub, please follow the steps below:

1. Select **Wi-Fi & LAN**

Wi-Fi & LAN

Hide SSID

SSID
FileHubPlus-8024

Mode
11b/g/n

Password

MAC Address
00:1C:C2:16:80:24

IP Address
10.10.10.254

Subnet Mask
255.255.255.0

2. Enter your new SSID name and password. Click **Save**

Hide SSID ON OFF

SSID

8024

Mode

11b/g/n

Password

.....

MAC Address

00:1C:C2:18:80:24


IP Address

10.10.10.254

3. After changing the SSID and Password, your phone will lose the connection to your FileHub. You have to reconnect your phone to FileHub





 If you only changed the password, the FileHub will lose the connection to your phone as well. And you have to click the FileHub SSID to **Forget Network** then reconnect to FileHub, because generally your phone can store the connected WiFi.

Example:


If you only change the password for **6D22**, FileHub loses the connection to your phone.

Go back to the WiFi setting on the phone. The phone fails to connect to

the FileHub, because it remembers the last password. Every phone has a different button to **Forget Network**. Then reconnect it with new password

Mac Address

This is the **Mac address** of FileHub **LAN** itself. If your home router has a Mac filtering, please add the FileHub MAC address to the white list of your router. Or your FileHub will reject to connect to your home router.

 When FileHub connects to your router **wirelessly**, please add the **listed MAC** address to the white list. E.g. 00:1C:C2:11:6D:22

When FileHub connects to the router **by the line**, please add **"1"** to the end number, then add the changed MAC address to the white list. E.g. 00:1C:C2:11:6D:**23**

MAC Address

00:1C:C2:11:6D:22

Region & Wi-Fi Channel


You may manually set the **Region** and **Wi-Fi Channel**



And change the **Security** type (default: Mixed WPA/WPA2-PSK):




Hide SSID

Click  you may hide/unhide the SSID. If you hide the SSID, others cannot search your FileHub.

🖱️ If you would like to hide your SSID, please make sure you have set up the network setting (wired/wireless) previously, otherwise you will lose the connection to FileHub, and will need to reset the FileHub to restore the original settings.




DHCP Settings

Click  you may enable/disable the DHCP server.



The screenshot shows the DHCP Server configuration interface. It features a green header bar with a 'Back' button on the left, the title 'DHCP Server' in the center, and a home icon on the right. Below the header is a white content area with a grey border. At the top of this area is the label 'DHCP Server' followed by an 'ON/OFF' toggle switch. Underneath are two input fields: 'Start Address' containing '10.10.10.1' and 'End Address' containing '10.10.10.50'.

 If you turn off the DHCP server, FileHub will **NOT** assign an IP address to your wireless device therefore making them unable to connect to the FileHub. The IP address from your wireless device needs to be inputted manually. Towards the bottom of this page, you may view the **clients** connecting to your FileHub.

Back DHCP Server Home

DHCP Server ON OFF

Start Address

End Address

Gateway

Primary DNS

Second DNS

Client List Save

Back

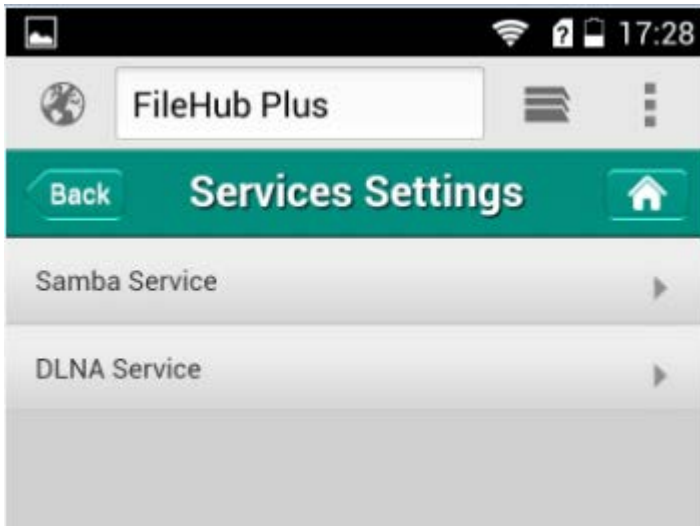
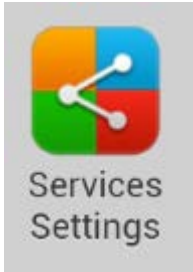
Client List



Client Name	MAC	IP	Effective time
android-a930db8	38:f8:89:30:77:34	10.10.10.1	00:00:10
android-bff4992	0c:1d:af:e0:aa:35	10.10.10.2	00:00:10
sunvalley-nb1	ec:55:f9:4c:e6:18	10.10.10.3	00:00:10

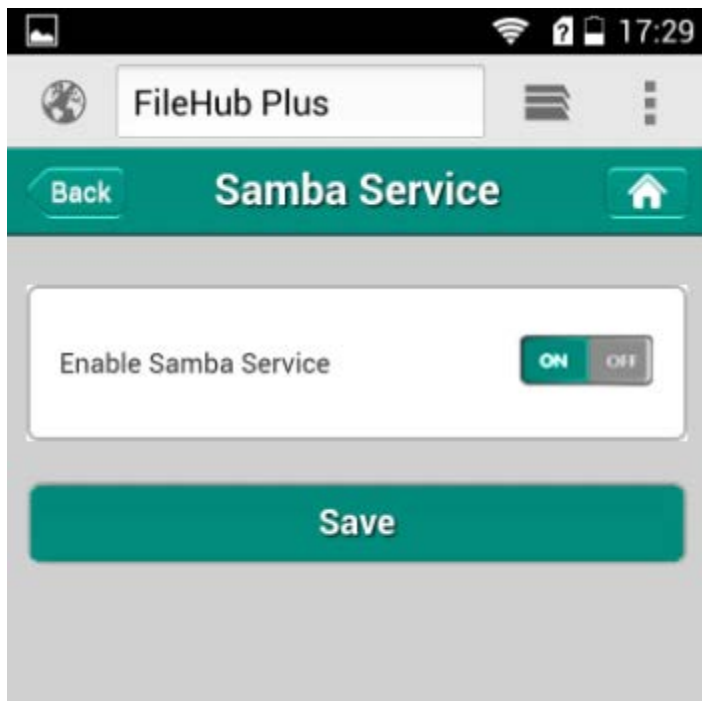
Service Settings

Click 10.10.10.254 → **Settings** → **Service Settings**



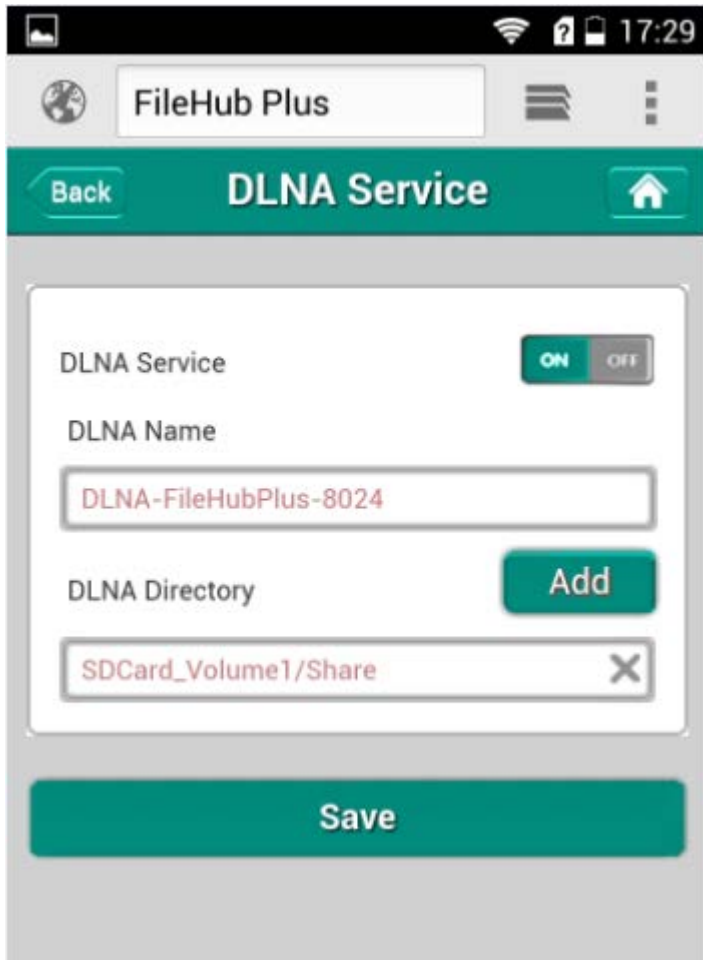
Samba Service

Provide shared services to files and printers for clients on Microsoft Windows Network and Unix-Like Network. Default status is **ON**.



DLNA Service

FileHub also supports DLNA service (if you need to change the settings of DLNA, a USB storage device should be attached to the FileHub):



The default name:DLNA-FileHub-XXXX

Default directory: WiFiDisk1_Volume1/Media Directory Server

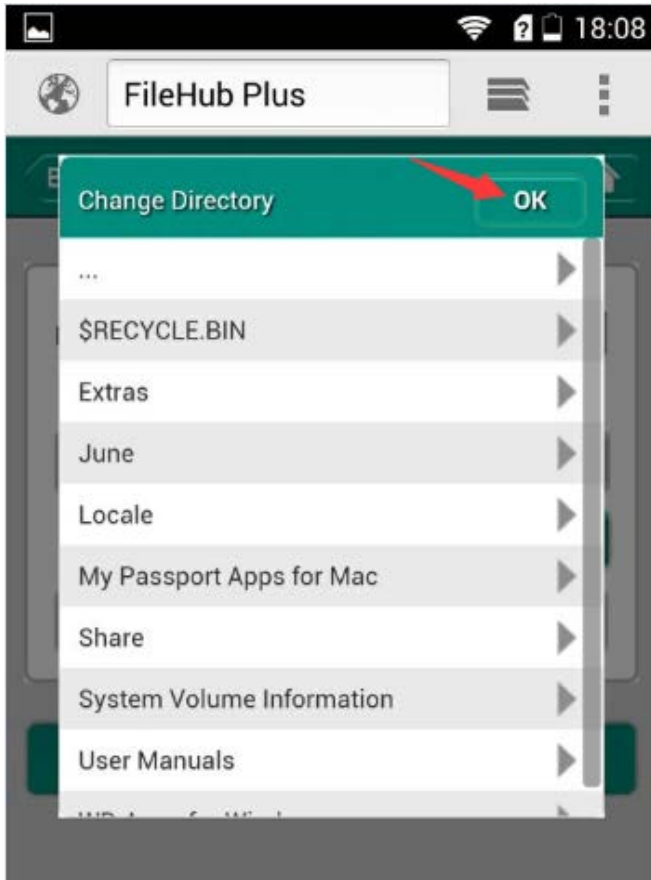
Example: I change the DLNA Name to **6D22**

And change the directory to **June**

Let **DLNA Service** to be ON, then click **ADD**.



Tap on the folder and click **OK** to change the directory



Back DLNA Service

DLNA Service ON OFF

DLNA Name

DLNA-FileHubPlus-8024

DLNA Directory Add

UsbDisk2_Volume1/June

Save

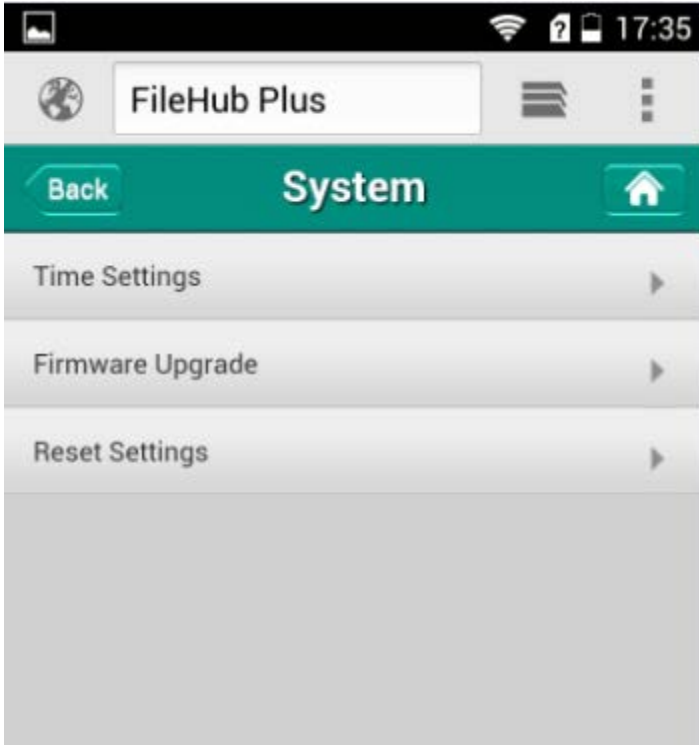
Now go back to the main page, these sections will show the contents of the folder that you set for the DLNA directory.



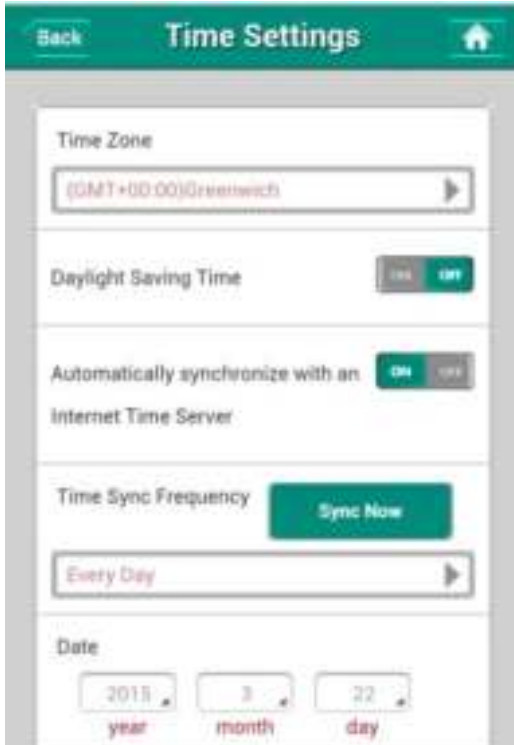
Back			Videos	Home
	American.Beauty.1999.mkv	13GB	2014-01-03 00:02	
	Balance(平衡)[Lauenstein][1989].AVI	49.3MB	2011-05-15 10:27	
	IMG_0299.mp4	1.3MB	2015-03-09 06:31	
	人工智能.rmvb	1.2GB	2013-03-17 11:31	
	大开眼戒.rmvb	1.6GB	2013-06-18 05:13	
	月光宝盒.mkv	1003.6MB	2014-10-14 12:57	

System Settings

Login 10.10.10.254, click **System Settings**



Time Settings



Time Zone

Time Zone

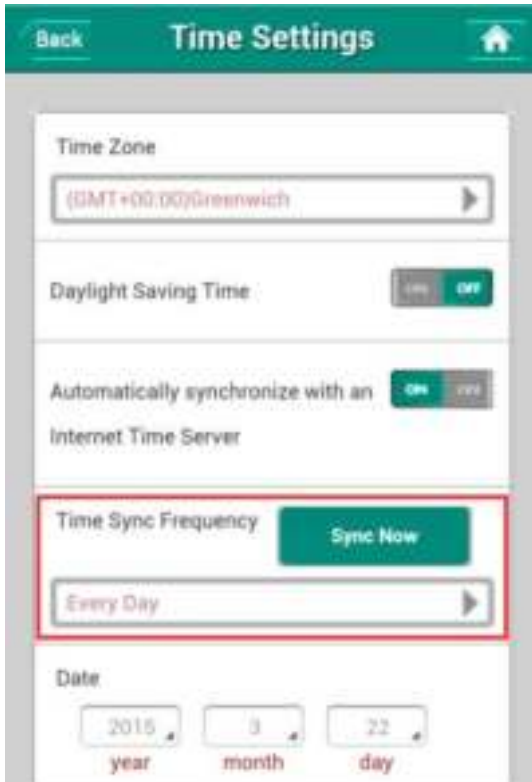


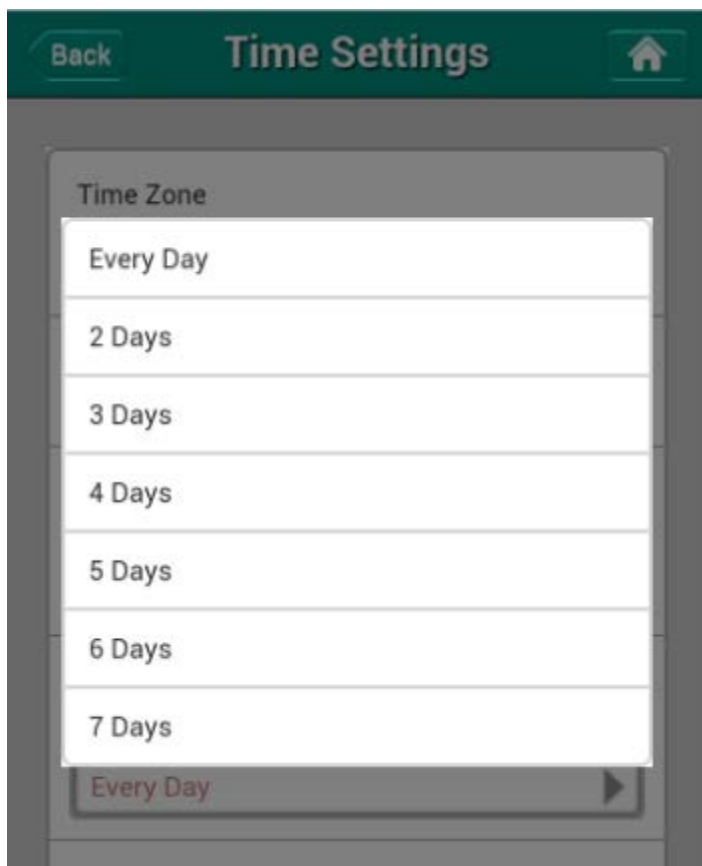
Click Time Zone to change the time zone for your FileHub. Default time zone is the same as the setting of your device

Automatically synchronize with an
Internet Time Server



If you turn on the auto sync time server, you may set the **sync frequency** or you can **sync now**





And here you can manually to set the time for the FileHub.

Date

2015

year

3

month

22

day

Time

9

Hours

35

Minutes

46

Seconds

Save

Firmware Upgrade

Here you can view the current version of the firmware of your FileHub



And you can upgrade the firmware

To upgrade the firmware, please follow the steps below:

1. Download the firmware from the RAVPower website:

<http://www.ravpower.com/downloads-RP-WD03.html>

• For Firmware



Firmware 2.000.002.zip

2. Unzip it



fw-7620-WiFiDGRJ-RAVPower-RP-WD03-2.000.002



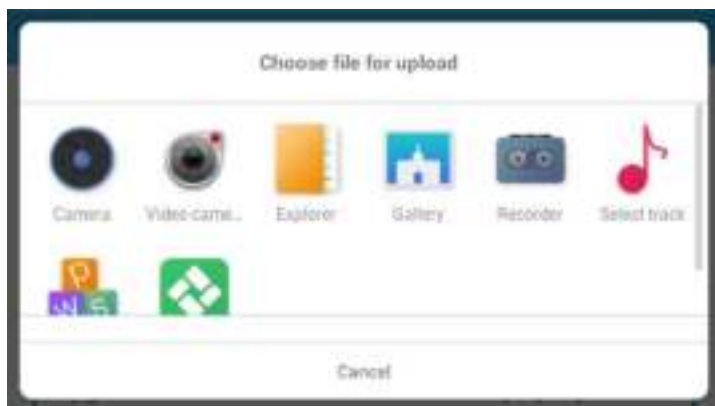
Firmware 2.000.002.zip

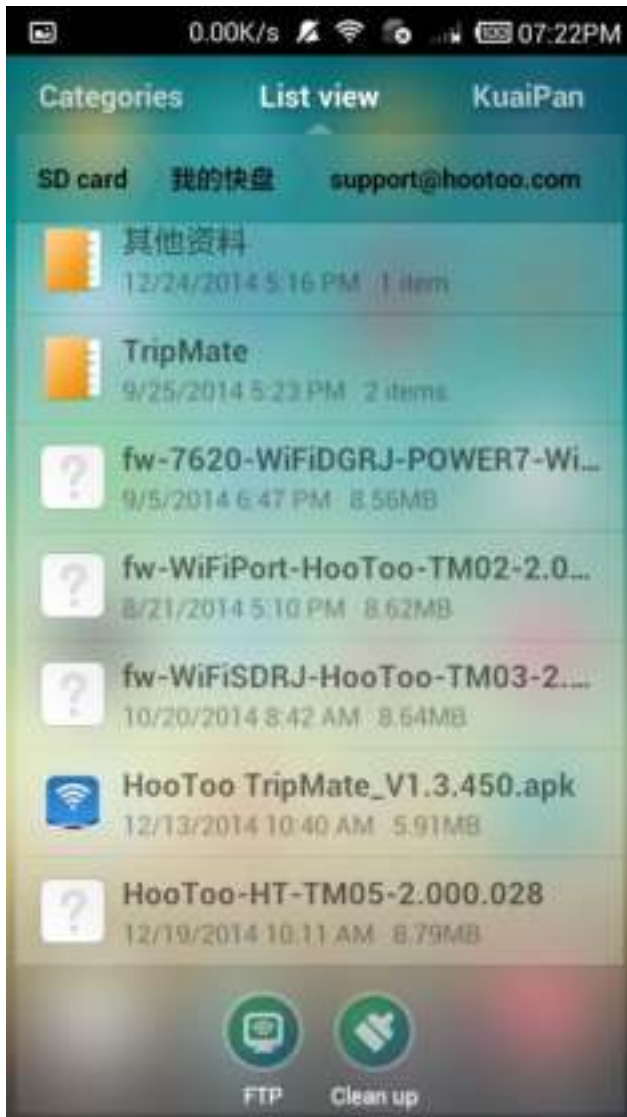
3. Insert a USB storage device into your FileHub (e.g an external hard drive or a USB flash drive)

4. Connect to FileHub via wireless

5. Open a browser and enter 10.10.10.254

6. **Settings** → **System Settings** → **Firmware Upgrade** → **Browse**, Browse and select the exact file from step 3





7. Click **Firmware Upgrade**,



You will be prompted to wait 5 minutes while the system updates. After the system has updated, you will have successfully updated the firmware.

Factory Default

There are two ways to reset FileHub:

1. Hard Reset:

Use a needle-like object to press the reset button found next to the USB port; hold for 10 seconds until the Wi-Fi indicator LED blinks, release it and wait for it to reboot.

2. Restore Factory Setting:

On the computer, click  to **Restore to factory default settings** → **Save**, wait for it to reboot.



Please ensure your FileHub has at least 50% power left (2 blue LED lights)

before resetting



This will reset all configuration settings to their default values.

The default SSID Name: FileHub-XXXX

The default SSID Password: 11111111(8 x 1's)

The default User Name: admin

The default Password: blank (leave it empty)

All changed settings will be restored to their factory default settings

Wizard

Click **Wizard**, you will be directed to step-by-step basic configuration guide.



[21](#) it guides you to set the FileHub from beginning.

Battery Backup

FileHub RP-WD03 has an internal 6000mAh battery, so you can use it to charge your devices on the go.

Charge FileHub

Start charging the FileHub when the remaining power is below 25%. This will ensure your external charger is ready for emergency situations.

To charge the unit:

1. Connect the USB end of the USB cable to an AC adapter or any USB power source;
2. Connect the micro-USB end of the cable to the charging port of the FileHub;
3. The power indicators will blink during the charging sequence. Once the unit is fully charged, the blinking will stop and the indicators will remain lit until the cable is.



We recommend using a USB AC adapter with up to 1.0A output to charge the FileHub. Using a charger with an output higher than 1.0 A will damage the internal battery more or less.

Charge Devices

To charge your device:

1. Plug the USB end of the charging cable into one of the USB ports on FileHub;
2. Connect the micro-USB end of the cable to your device;
3. After a few seconds, charging will start automatically.



- Please do not use the unit to charge the devices whose input current is not 5V;
- Some devices (e.g. iPhone, iPad etc) have a micro-USB port that is different from standard micro-USB port. The USB cable provided will not be able to charge the devices. Please use original cable supplied by your device manufacturer instead.

Caring for the FileHub

Storage

When the FileHub will not be used for an extended period, store it in a cool, dry area with the terminal cover in place. To care for your safety, do not store your FileHub in locations that:

- are poorly ventilated or subject to humidity of over 90%
- are exposed to temperatures above 60 °C (140 °F) or below –10 °C (14 °F)

Cleaning

When removing fingerprints and other stains, wipe the surface lightly with a soft cloth or chamois leather. Do not apply pressure, as this could result in scratches.

Cautions

Do not drop: The product may malfunction if subjected to strong shocks or vibration.

Keep dry: This product is not waterproof, and may malfunction if immersed in water or exposed to high levels of humidity.

Caring for the Battery


Observe the following precautions when using the FileHub:


- Do not expose the product to flame or excessive heat.
- Keep the charging ports clean.
- If the FileHub will not be used for some time, run it flat and store it in a location with an ambient temperature of 15 °C to 25 °C (59 °F to 77 °F; avoid hot or extremely cold locations). Repeat this process at least once every six months.
- You'd better not charge your devices when charging the FileHub. This could shorten battery life.
- Turning the FileHub on and off repeatedly when the battery is fully discharged will shorten battery life. Batteries that have been fully discharged must be charged before use.

Troubleshooting

If the FileHub fails to function as expected, check the list of common problems below before consulting RAVPower representative.

Q: *Why I cannot connect to FileHub after changing the SSID password?*


A: Please forget the password of the FileHub on your phone  [92](#). If

this doesn't work, please reset the FileHub for a try.  [120](#)


Q: *Why the network speed decreases in the bridge mode?*

A: This is because it uses the same radio/frequency (2.4GHz) to accept incoming and outgoing packets from clients as it does to forward those packets on to the next Wi-Fi router and accept replies. So effectively you get half the bandwidth, as each packet must go over the air twice - from the client to the FileHub, then from the FileHub to the Wi-Fi router. This should be the industry standard with almost all router with bridge mode. For those who constantly use media streaming or real-time network gaming, we instead recommend AP mode to expand the wireless network with less impact to peak performance.

Q: *Why I can't get any internet from FileHub?*

A: Firstly please note that the FileHub can create its own LAN but without full internet access. Then please check if your FileHub is connected to a wired or wireless network.  [38](#)

Error Messages

Indicator	Solution	
Wrong file format	Change a USB device, or change a browser to upgrade the firmware	116
No available space	Plug a USB storage device(NTFS/FAT16/FAT32) into the FileHub	116
Battery charge is critically low. Device will shut down in 30s	Recharge the FileHub	123
Operation failed due to network outages!	Check the connection between your devices and FileHub. Reconnect your devices to the FileHub.	11

Hardware Specifications

Project name	FileHub	
Model name	RP-WD03	
CPU	Model	MTK 7620
	Frequency	MIPS24KEc 360MHZ
Flash	Type	SPI Flash
	Capacity	8MByte SPI flash
Memory	Type	SDRAM
	Capacity	32MB*16Bits(64MB)
WiFi	standard	802.11 b/g/n
	Transceiver	1TX 1RX
	Frequency	2.4GHz
	Antenna	Chip Antenna
	Speed	300Mbps
WAN port	Protocol	Ethernet
	Speed	100Mbit/s
Interface	Battery LED (Blue*4pcs)	LED light to show the percentage of remaining power. As below : LED1: 0~25% LED2:26~50% LED3:51~75% LED4:76~100%

	WiFi LED/WLAN (Blue/Green)	WiFi LED shows the system initiating state: Blue LED Start flashing: Kernel loading in process Blue LED Stop flashing: System initiation completes Green LED: Internet is connected successful
	Power button	<ol style="list-style-type: none"> 1. Power on/off button (3 second long pressing) 2. percentage of remaining power button(short pressing)
	Reset button	Factory default reset button
	USB device interface	Micro USB 2.0 for charging internal battery, upto 1.6A current.
	USB host interface	In power on mode , it can connect USB storage for WiFi

		accessing. In power on & off mode, It can charge your mobile device (iPhone/iPAD/iPAD mini, other smart phone/PAD), up to 1 A current.
	WAN port	RJ45 100Mbit/s
Battery	Capacity	6000mAh 2x18650 battery
	Charging current	1 A
	Discharge Current	1 A
	Over current protection	Up to 1 A by CMOS PWM
Environmental requirements	<ul style="list-style-type: none"> • Operating Temperature: 5°C to 35°C • Non-Operating Temperature: 0°C to 60°C • Operating Humidity: 5% to 90% (Non-condensing) • Non-operating Humidity: 5% ~ 90% (Non-condensing) 	
Product dimension	96mm L x 44mm W x 44mm H	
Emission (EMI), Safety & Other Certifications	<ul style="list-style-type: none"> • FCC Class B • CE 	

Software Specifications

System setting	Language selection	To select your native languages
	Firmware upgrade	To upgrade firmware by web browser
	Configuration setting	To backup and retrieve system configuration setting
	Factory default setting restore	To restore default system setting originated in factory production
File system	NTFS	<p>A) Support Microsoft Windows NTFS file system</p> <p>B) Application tools:</p> <ul style="list-style-type: none"> • Tuxera NTFS tool for mounting file system • NTFS file system inspection and repair tool
	FAT16/FAT32	<p>A) Support Microsoft Windows FAT16/FAT32 file system</p> <p>B) Application tools:</p> <p>FAT file system inspection and repair tool</p>
File service	CIFS protocol	Provide shared services to

		files for clients on Microsoft Windows Network
	Samba service	Provide shared services to files and printers for clients on Microsoft Windows Network and Unix-Like Network
	Media Server	Support DLNA compatible device
HTTP service	OS	A build-in browser which support common operation system such as Windows, Linux, Mac [®] OS and smart terminal for easy management
	WebDAV protocol	Makes the Web a readable and writable medium which allow users to edit and manage documents and files stored on World Wide Web servers
Access control	Password protection	A) WiFi access control: <ul style="list-style-type: none"> • None • WPA • WPA2 • WPA&WPA2 B) WEB access control <ul style="list-style-type: none"> • Password login

		<p>C) Samba access control</p> <ul style="list-style-type: none"> • Password login <p>Default security:</p> <p>A) Authentication needed with password 11111111</p> <p>B) No authentication</p> <p>C) No authentication</p>
USB storage management	Storage display	
	Storage partition size and remaining space display	
Network Management	WAN side setting	<p>A) Static IP</p> <p>B) Dynamic IP</p>
	LAN side setting	<p>A) ATOMIC100 IP setting</p> <p>B) Subnet mask setting</p> <p>C) DHCP server setting</p> <p>D) Default gateway setting</p> <p>E) Default DNS setting</p>
	WiFi setting	<p>A) WiFi mode setting</p> <p>B) WiFi basic setting</p> <p>C) WiFi security setting</p>
Application software	Client	<p>A) Windows XP/2003/Vista/7/8, Linux, Unix, Mac®</p> <p>B) Android: tablet, Smartphone</p> <p>C) iOS: iPad®, iPhone®</p>
File Formats	Android Client	<p>A) Audio: Support formats of MP3、AAC、m4a、wav、aiff</p>

		<p>B) Video: Support formats of MP4, MOV, m4v, avi</p> <p>C) Photo: Support formats of jpg, tiff, bmp, gif(image)</p> <p>D) Document: Support formats of keynote, numbers, page, excel, word, pdf, txt, ppt</p>
	iOS Client	<p>A) Audio: Support formats of MP3, Video:MP4</p> <p>B) Photo: Support formats of .jpg, .png</p> <p>C) Document: Support formats of txt, word, excel, ppt and pdf</p> <p>Note: other file formats support is based on the android product OS performance</p>

Warranty and Support

This RAVPower RP-WD03 FileHub is covered with the RAVPower 12 month warranty from the date of its original purchase. If the RAVPower RP-WD03 FileHub becomes defective during its warranty period, please contact RAVPower or your seller for warranty cover. The following are not covered by our warranty:

- 2nd hand purchase or purchase from a non-authorized seller/distributor
- Damages resulted from abuse, fire, poison and moisture
- Damages resulted from natural disaster
- Product been dismantled



Successful product registration at www.RAVPower.com/productregistration will add an additional 6 month of warranty cover, making a total of 18 months warranty cover from the date of original purchase.



- Please do not return the product without contacting RAVPower first
- We can only provide warranty cover for products sold by a RAVPower authorized distributor

Contact

If you have any concerns and enquiries about RAVPower products and services, please contact RAVPower support team via any of the following methods.

NORTH AMERICA

Tel: 1-888-456-8468

Tech Support: 408-627-7503 (Monday-Friday 9:00 – 17:00 PST)

Address: 2228 Junction Ave, San Jose, CA 95131

E-mail: - support@RAVPower.com
- support.ca@RAVPower.com

EUROPE

Email:

UK: - support.uk@RAVPower.com

DE: - support.de@RAVPower.com

FR: - support.fr@RAVPower.com

ES: - support.es@RAVPower.com

IT: - support.it@RAVPower.com

Address: ZBT International Trading GmbH, Lederstr 21a, 22525 Hamburg, Deutschland

ASIA PACIFIC

Email: JP- support.jp@RAVPower.com