RAVPower

RP-WD009

Advanced User Guide

Thank you for your purchase of the RAVPower RP-WD009 FileHub. To get the most from your FileHub, please be sure to read all instructions thoroughly.

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:

RP-WD009

Cable

Quick Installation Guide

Contents

Getting to Know the FileHub 8

Features at a Glance 11

Wireless Sharing 11

One Key Backup 11

Travel Router 11

External Battery Pack 12

5G Hz 12

In-app Camera 12

Configure the FileHub 13

Connection 13

More FileHub Features 24

ONE KEY BACK UP (USB transfer) 24

1) How to one key backup 24

2) Files Management after Backup 24

3) NOTICE 25

Wireless Storage 25

1) Download the APP 25

2) Connect the Wifi of RP-WD009 26

3) Storage via APP....29
4) Storage Via 10.10.10.254 31
5) NOTICE....33
Travel Router....34
Access Point Mode 34
Router Mode 34
Bridge Mode 44
In-app Camera 50
1) Save photos and videos directly to SD card via RAV FileHub .50
2) How to find these picture?....50
Media Streamer & Sharer....52
1) Share Files....52
2) Hotel WiFi Share....53
3) Authentication wifi page setting 54
System Tools 55
Language....55
Symbols 57
Main Page....58
Explorer 59

Information.....65
Admin.....70
Guest.....72
Network Settings.....73
Host Name.....74
Mac Address.....80
Region & Wi-Fi Channel.....81
Hide SSID.....82
Samba Service.....87
DLNA Service.....88
Time Settings.....96
Wizard.....107
Battery Backup.....108
Charging the FileHub.....108
Charge Devices.....109
Caring for the FileHub.....110
Storage.....110
Cleaning.....110
Caution.....111

Caring for the Battery 111

Troubleshooting 112

Error Messages 114

Hardware Specifications 115

Software Specifications 118

Warranty and Support 122

Contact 123

Getting to Know the FileHub

Take a few moments to familiarize yourself with the FileHub

Power Button:

Short Press (1 second): Activates battery LED indicators

Long Press (3 seconds): Activates Internet/LAN

If you long press the power button and all lights flash, the remaining battery capacity is not enough to turn on the FileHub. Please recharge your FileHub (110)

Specifications

CPU	MTK MT7628AN+MT7610E
Operating System	iOS, Android, Windows, macOS
Battery Capacity	6700 mAh Li-ion
Play Time	2.4G: 8.4 hours 5G: 6 hours
Operating Temperature	5°C – 35°C / 41°F – 95 °F

Instructions

LED Indicators

Internet Indicator	**Work Status**
Turns on white	Connected to interent
Turns off	Disconnected from internet

WiFi Indicator	**Work Status**
Flashes	Initiating
Stops flashing	Connecting
Turns solid	Connected to WiFi

5G Indicator	**Work Status**
Turns on	5G WiFi connected

SD Card Indicator	**Work Status**
Turns on white	SD card inserted
Flashes white	SD card reading or writing
Turns red	Unable to back up or error

Battary Indicator	**Work Status**
Turns on white	≥ 30%

Turns on red	< 30%
Fast flashes red	< 10%
Blinks every 2 seconds	Charging
Blinks every 0.5 second	Shutting down

Button Controls

Power Button	Press to turn on / off the FileHub
Reset Button	Press and hold for 5 seconds to resume factory setting
WiFi Mode Button	Press and hold for 3 seconds to cycle throgh 2.4GHz / 5GHz / 5GHz & 2.4GHz WiFi modes
Backup Button	Press the Backup Button to start copying and backing up data from the SD card to USB HDD
SD Card Slot	Support up to 2TB SDXC
Micro Port	Charge the FileHub
USB A Port	Support USB flash and HDD drive data transfer (FAT32, exFAT, NTFS) Provide 1A output current to compatible devices
RJ45 Ethernet Port	Connect to your existing router/modem to set the FileHub to AP/Bridge/Router modes.

Features at a Glance

Wireless Sharing

- Share files from the attached USB storage to smartphones, tablets, or other devices that are connect to the FileHub
- Share files from a USB Hub with up to 4 USB flash drives
- Connect Google Chrome cast to your FileHub and play videos and music on your connected USB storage through Chrome cast to the big screen.

One Key Backup

- Upload your SD card-stored photos to your hard disk or flash drive easily.

Travel Router

- 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 the FileHub to connect and share connections
- Router Mode: When connected to a DSL or cable modem, it works as a regular router.

External Battery Pack

- 6700 mAh external battery charger capable of charging most smartphones 1-2 times.

5G Hz

- Upgraded 300Mbps Wi-Fi speed on 2.4GHz band and up to 433 Mbps on 5GHz.Instantly convert a wired network to wireless network. And bridge and extend WiFi, share internet securely with others. (Not a Hotspot)
Notice: 5GHz mode only support 5G router or 5G wifi when you connect with ethernet.

In-app Camera

Use the in-app camera to save photos and videos directly to SD card via RAV FileHub so you can free up your phone's memory for other things.(your phone must be connect with the wifi of FileHub and make sure the transmission distance is less than 10M/32. 8 feet.)

Configure the FileHub

Connection

The FileHub RP-WD009 can create a local wireless network (without internet access). Central functions are performed through the local network. To connect the FileHub wirelessly, please follow the steps below:

Note: Example below shows Android OS

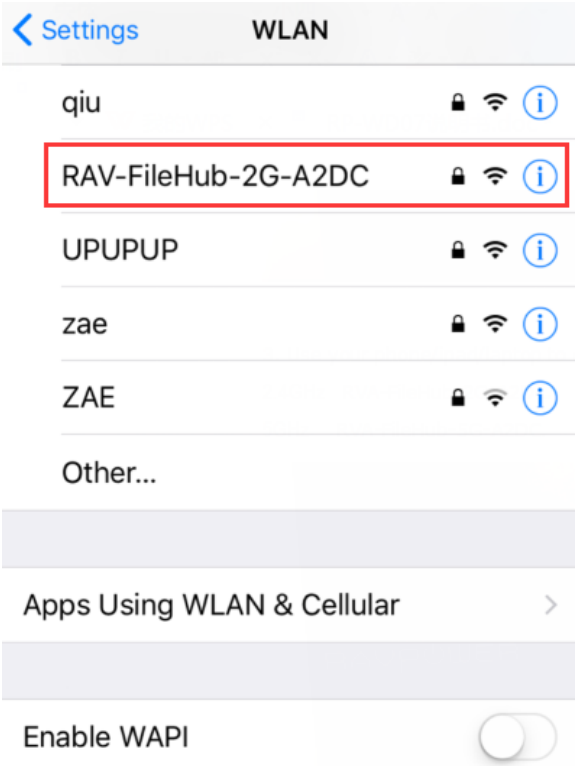
1. Press the power button for 3 seconds to turn on the device. Wait for the Wi-Fi indicator to be ready.

Click **Settings** on your phone.

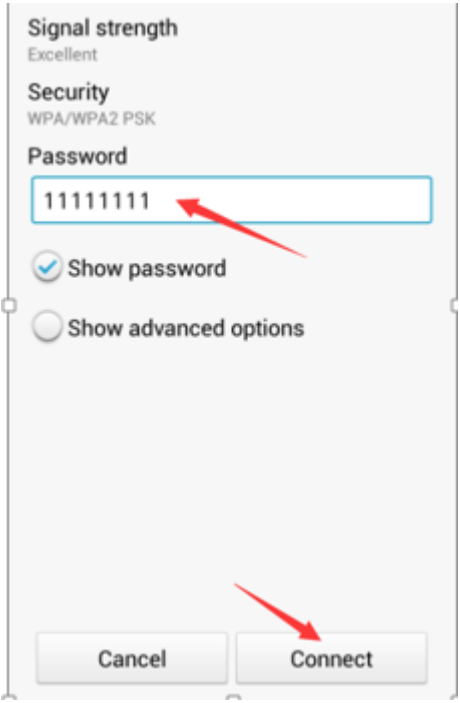
2. Click **WLAN** and open the Wi-Fi.

13:56
General
All
WIRELESS & NETWORKS
Dual card
Airplane mode
WLAN
Bluetooth
Mobile networks
Networked apps
More...
DEVICE
Home screen style
Display
Sound

3. Select RAV-**FileHub-2G-A2DC**.

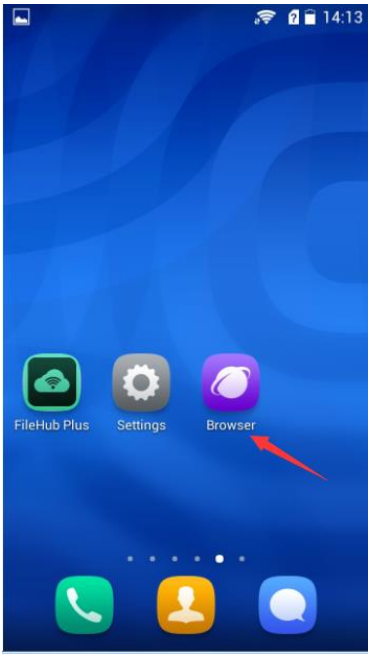


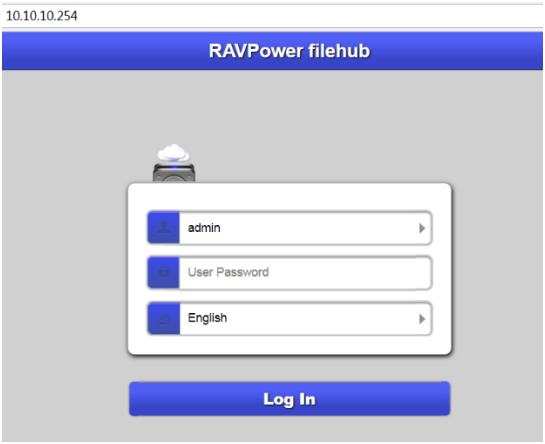
4. Enter the default password: 11111111, and click **Connect**.



✎ The same process applies for iPhone and other Smartphones when connecting the FileHub to local Wi-Fi.

5. Open **Browser**, enter **10.10.10.254** in the URL box.

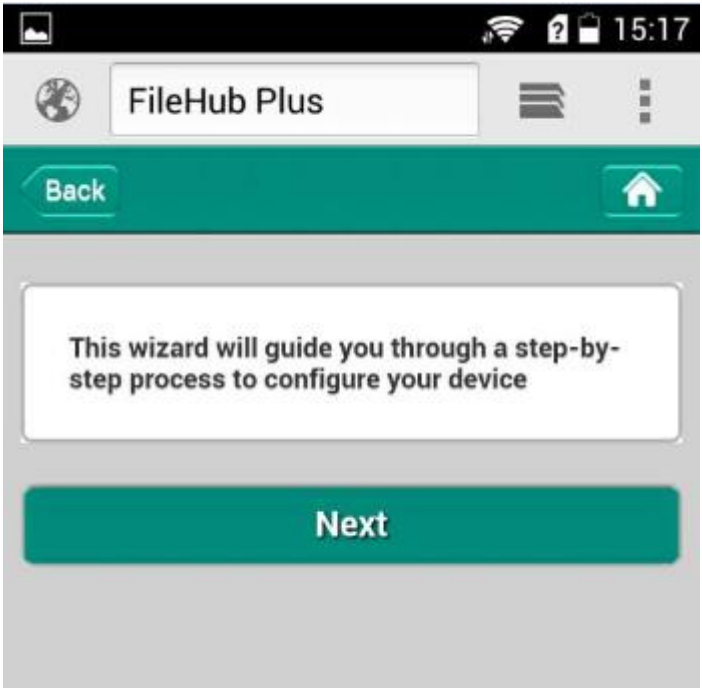

14:13
FileHub Plus
Settings
Browser


10.10.10.254
RAVPower filehub
admin
User Password
English
Log In

6. Log in with default user name: **admin**, no password by default.

7. Then you will be prompted to the Setup Wizard.

The wizard only helps you to connect your FileHub to the Internet. To get more usage, please visit 24 to get the full guide.

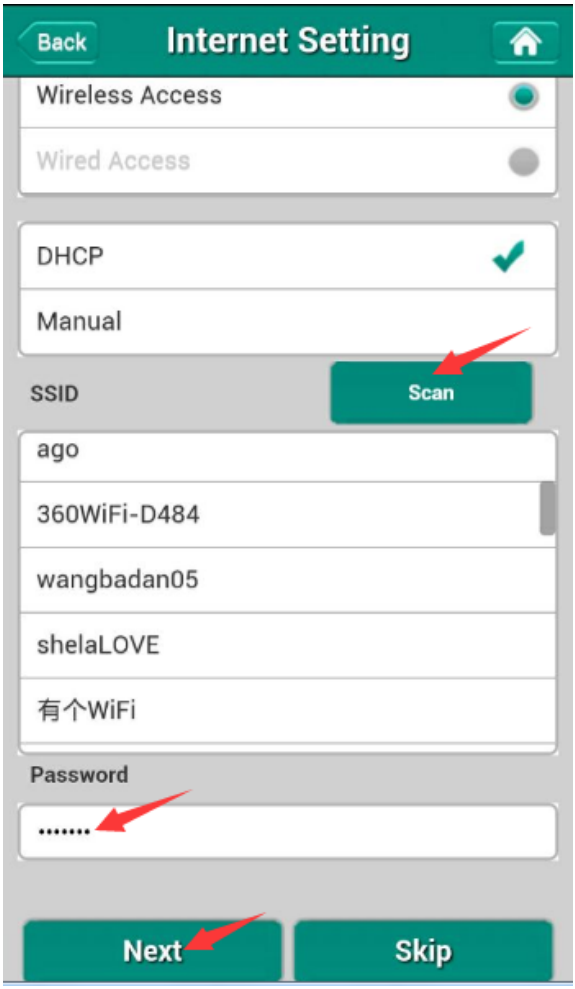


8. Click **Next** and set up the Internet connection on this page.

   (Please click 31 to get all modes for wired/wireless access)

9. Click **Scan** to search for available Wi-Fi connections. Select your Wi-Fi

and enter the password.



10. 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

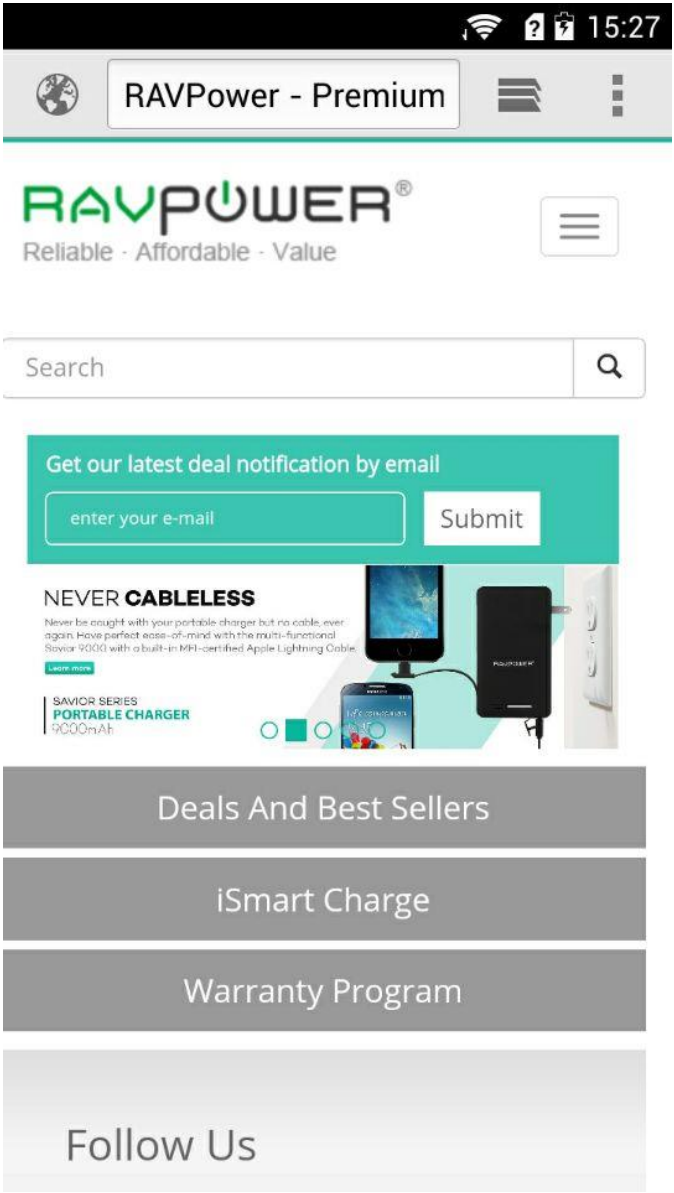
76

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

12. Click **Next,** you will then be prompted to wait 2 minutes while the system reboots. After the system has successfully rebooted, please reconnect to the FileHub wirelessly. Your FileHub will now connect to the Internet.

The Wi-Fi LED indicator will turn to green.

If you change the SSID and password of the FileHub, you may need to forget the password of the FileHub from your phone first. 76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Deals And Best Sellers
iSmart Charge
Warranty Program
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More FileHub Features

ONE KEY BACK UP (USB transfer)

1) How to one key backup

1. Turn on our RP-WD009 .

2. Plug into your flash drive/Hard drive and SD card. Wait until the “SD” LED light will not flash. (Identify the device ready) .

3.When the LED light is not flash please keep press the button “ SD»usb ” about 5 seconds until the LED light is flash again.(Now RP-WD009 is reading your SD card.)

4. Wait until the “SD” LED light is no longer flashing then one key backup is completed.

5. Now you can check your backup file “SD backup” in your flash drive/hard drive via our APP RAV FileHub .

6. Your original file in your flash drive/hard drive will not be deleted.

2) Files Management after Backup

Via app

1) Click File Management

2) Find your SD card-volume

3) Select the picture you want to delete.

Access 10.10.10.254 via your browser

1) Log into 10.10.10.254

2) Click Explorer

3) Find SD Card-Volume1

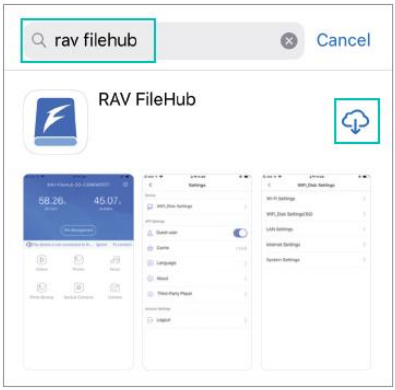
4) Select the picture you want to delete
5) Click the WRENCH on the top right, then you can rename/cut/delete/copy/create Folder your photos.

3) NOTICE
Please Pull out THE HARD DRIVE from device WHEN NOT IN USE otherwise RP-WD009 will still provide power to an external drive and use electricity

Wireless Storage

1) Download the APP
You can create your own wireless personal media sharing center.

Download the "RAV FileHub " app from the Apple App Store or Google Play first. You may also download it from the RAVPower website: *www.RAVPower.com*



Example: Android

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

RP-WD009 supports a USB hub with up to 4 USB devices (2 hard disks max)

2. Download the app **RAV FileHub** from Google Play to your Android phone.
3. Connect your phone to the FileHub wirelessly.
4. Run the **RAV FileHub** app.

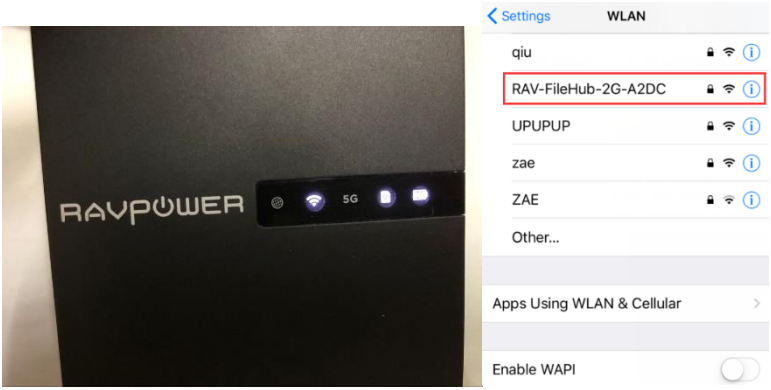
Also you can access the USB storage via the admin web end 10.10.10.254 (*58)*. To get full use of wireless sharing, please download the **RAV FileHub** app.

2) Connect the Wifi of RP-WD009

2.4GHz MODE

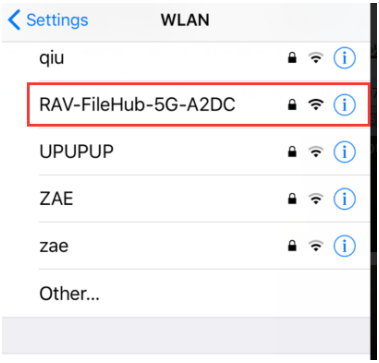
Please keep press the Wifi button on the left side until the Wifi LED light is on, then you can use your phone to connect the Wifi

RVA-FileHub-2G-A2DC.

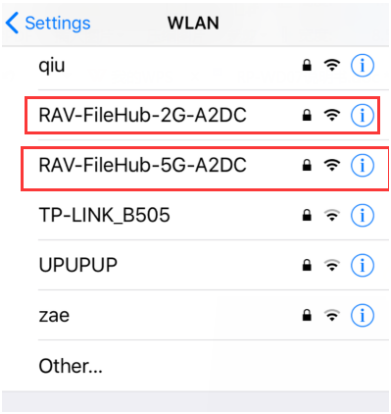


5GHz MODE

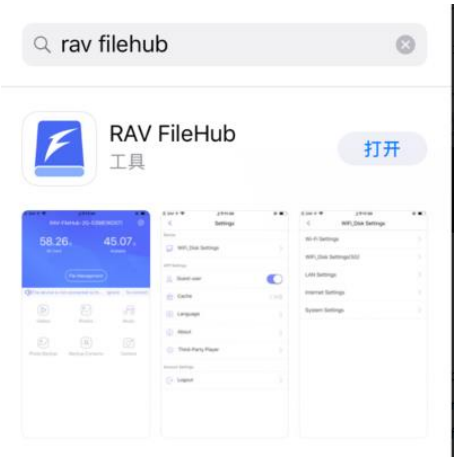
Please keep press the Wifi button on the left side until the 5G LED light is on, then you can use your phone to connect the Wifi RVA-FileHub-5G-XXXX.



Or you can turn on both 2.4GHz and 5GHz MODE



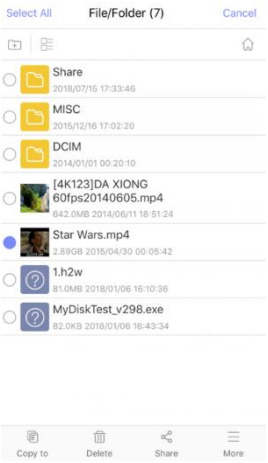
3) Storage via APP



1) Use your phone/ipad download our app “RAV FileHub”.
2) Turn on RP-WD009, and plug into your SD card and flash drive/Hard drive, make sure the LED light of SD card and Wifi is turn on and stable.

3) Use your phone/Ipad/laptop to connect the Wifi of Filehub, (or the device will show device is not connected)
2.4 GHz RVA-FileHub-2G-A2DC.
5 GHz RVA-FileHub-5G-A2DC.

4) Keep press the file you want to transfer and then you will see “cope to” “delete” “share” “more”(Move to, Rename).



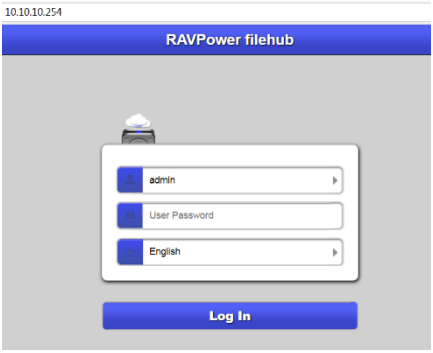
5. Now you can cope or move your file on SD card, flash drive/Hard drive

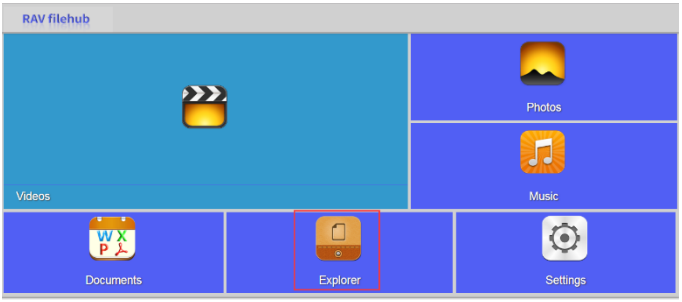
4) Storage Via 10.10.10.254

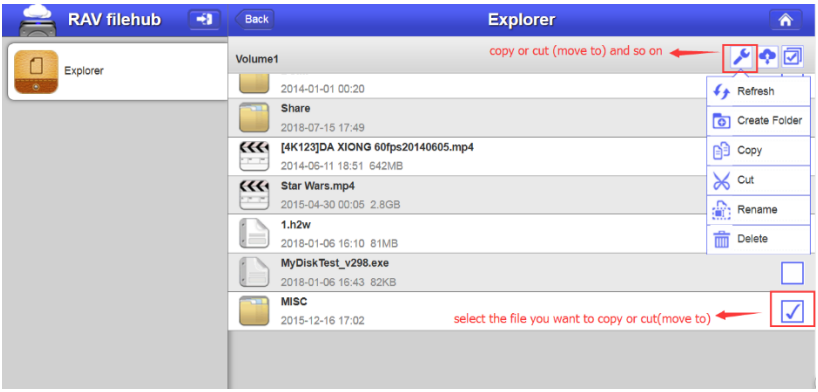
1) Please connect the wifi of RP-WD009, 2.4 GHz RVA-FileHub-2G-A2DC or 5GHz RVA-FileHub-5G-A2DC.

2) Access 10.10.10.254 via your browser. 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 to the admin configuration page 10.10.10.254).

3) Click Explorer and select the file you want to move or cut.







5) NOTICE

1). Your phone/ipad/laptop must be connect with the wifi of FileHub and make sure the transmission distance is less than 10M/32. 8 feet.
2) Due to the limitation of the Apple iOS system, you can ONLY access the Photos folder on your iPad/iPhone; Filehub is currently unable to sync with media files stored in iTunes to USB storage devices due to digital rights management (DRM).
3) Please UNPLUG THE HARD DRIVE WHEN NOT IN USE or it will still provide power to an attached drive and use a lot of electricity.
4) You need to connect network if you want to share the file.

If you need specific instructions for the **RAV FileHub** 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, or on mobile devices such as phone, tablet, etc.

Access Point Mode

Example: Android

FileHub will automatically become an access point once you:

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

After this the FileHub will connect to the Internet.

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

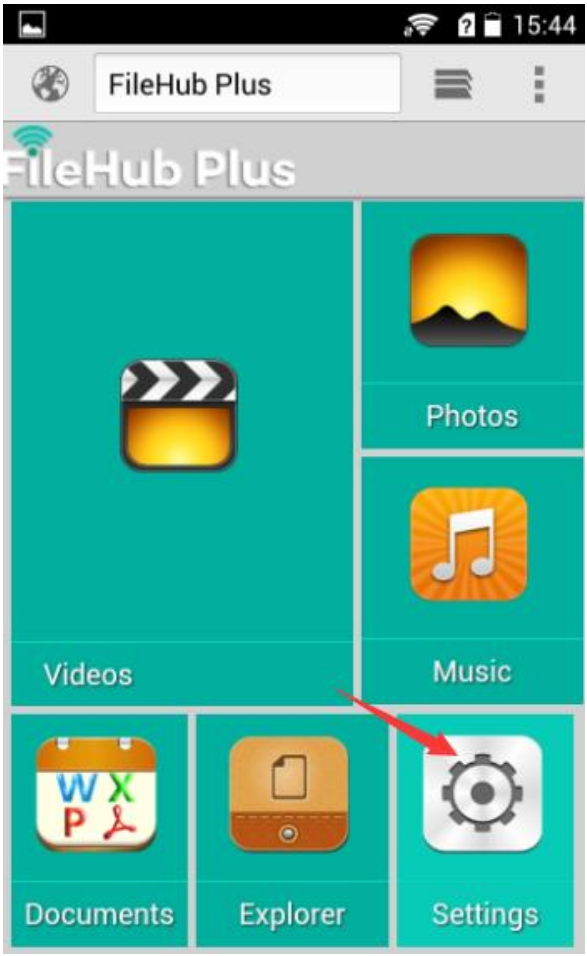
Router Mode

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

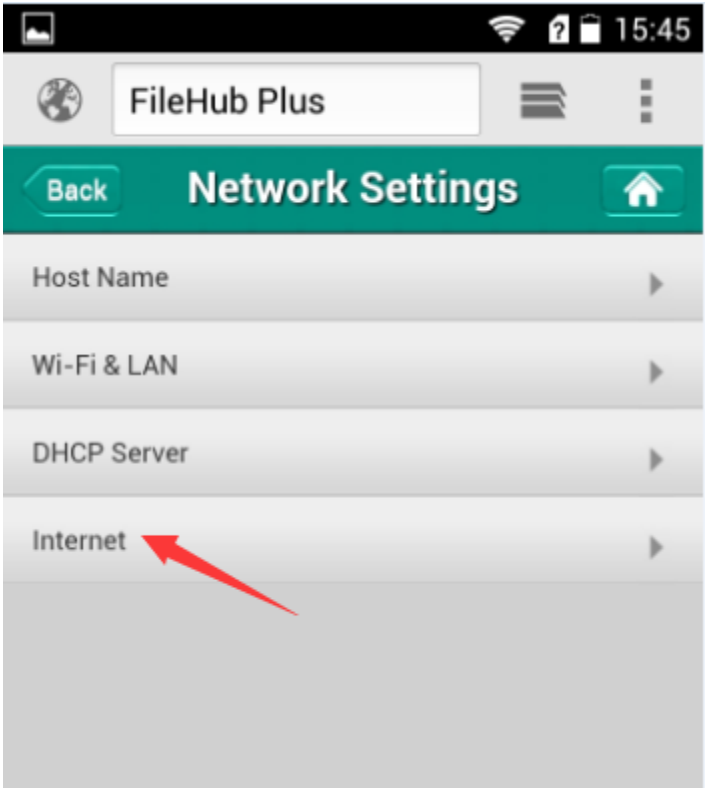
Example: Android

1. Power on the FileHub.
2. Plug an Ethernet cable from **a well-established modem** to the FileHub.
3. Connect phone to the FileHub wirelessly.
4. Login 10.10.10.254.

5. Click **Settings**, then select **Network Settings.**



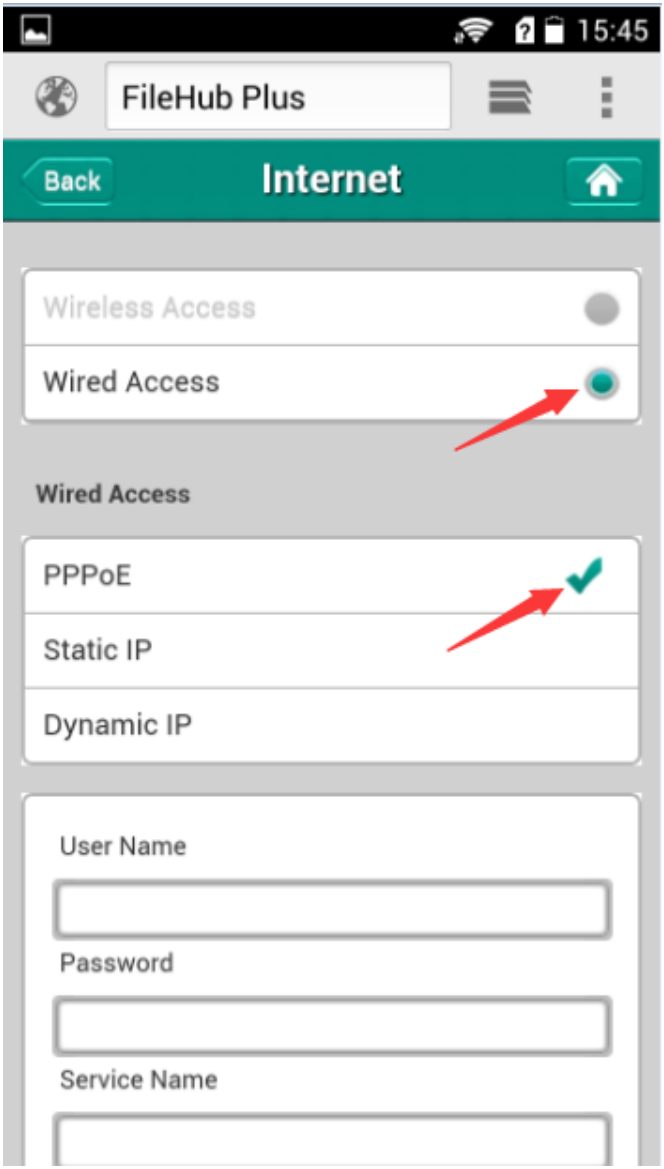
6. Select **Internet**, choose **Wired Access**.

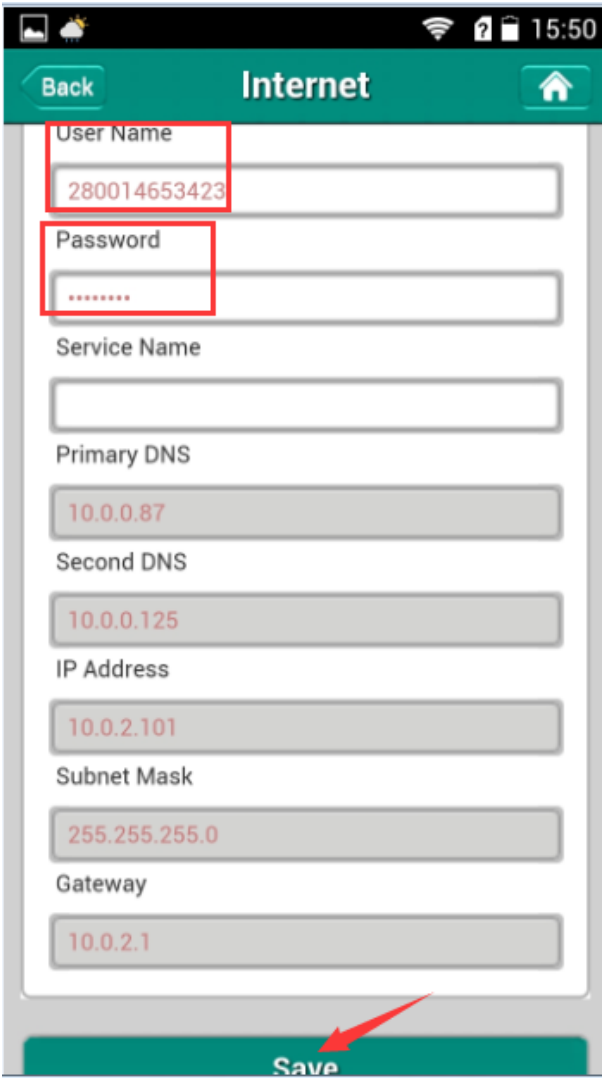


The FileHub provides Dynamic IP, Static IP and PPPoE for router setup. Please consult with the network administrator or refer to the wired network user documentation for best selection.

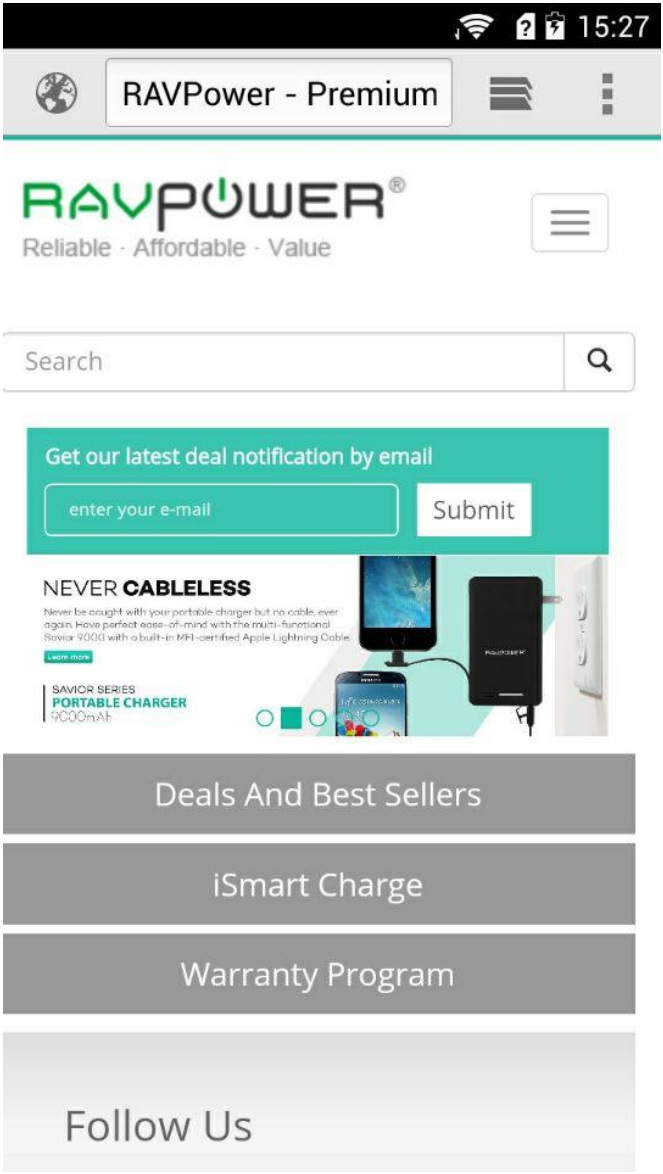
If using **DSL** Internet, please enter the **PPPoE** username and password and click **Save.**

Example:


15:45
FileHub Plus
Back
Internet
Wireless Access
Wired Access
Wired Access
PPPoE
Static IP
Dynamic IP
User Name
Password
Service Name



The FileHub will now connect to the Internet.


15:27
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If a static IP address has not been issued by the network provider please request the information from the network provider. The given static IP fields (including network mask and gateway) must also be set to the router. Click **Save.**

The FileHub will now connect to the Internet.

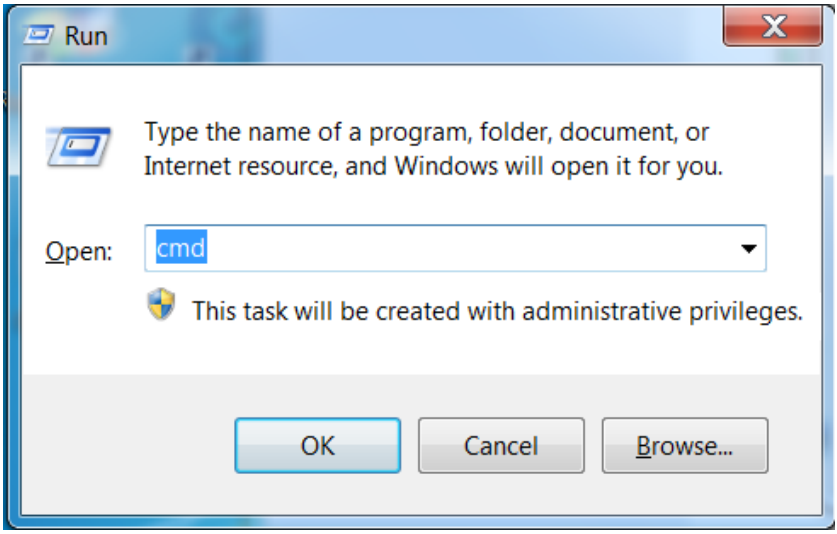
Tips

When connecting devices with a network cable, please make sure the

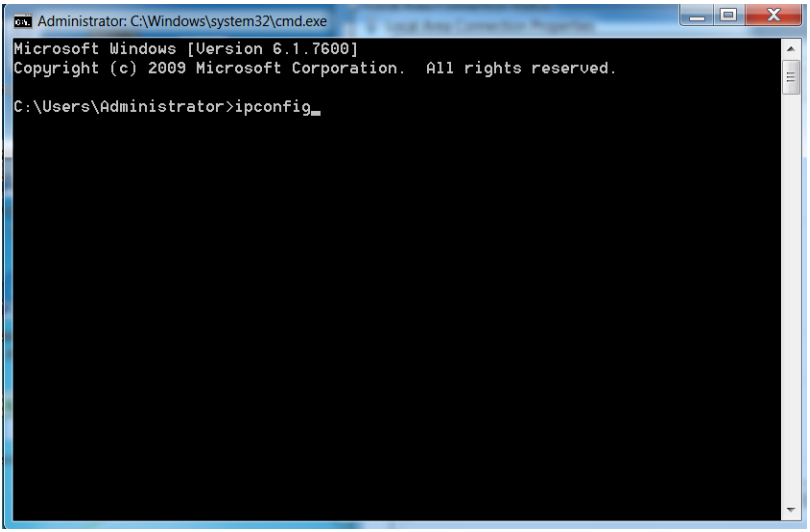
cable is connected securely. Loose cables are one of the most common reasons for network setup problems.

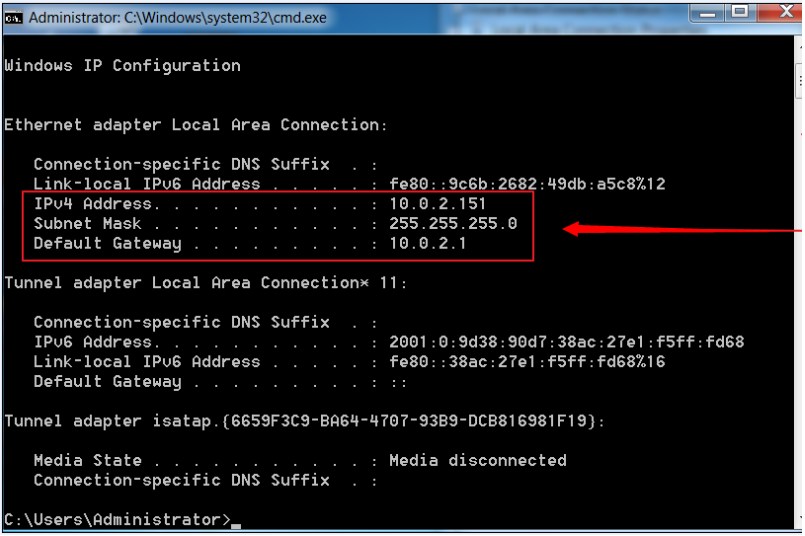
If a wired network type cannot be chosen, an alternative method is available to set up the router mode:

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 will pop up; enter **ipconfig**. Get the IP address, subnet mask and default gateway assigned by the router/modem.





4. Connect the 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**

The FileHub will now connect 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, bars, home, office or locations where Internet service needs to be provided to guests without revealing the password of the existing network.

Configuration:

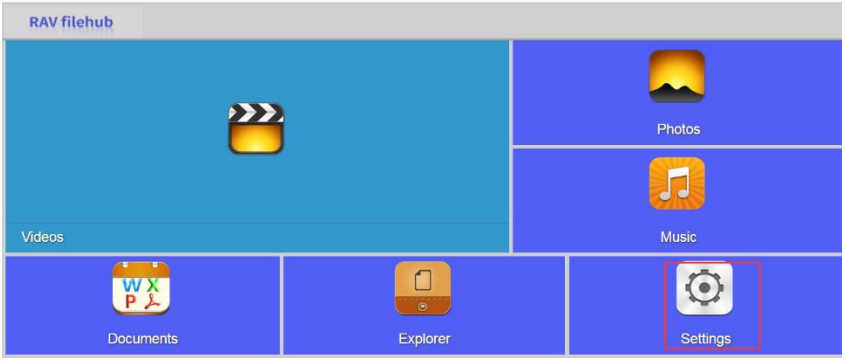
There are two configuration modes:

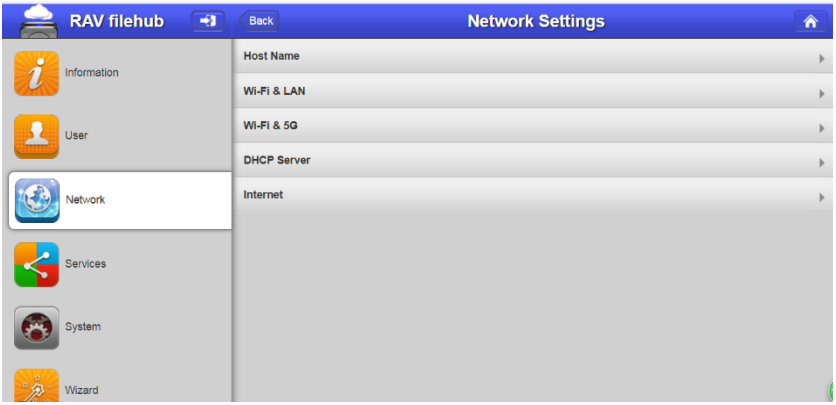
1. Wi-Fi is secured, which requires entering a password.
2. Wi-Fi is open, but has an authorization page.

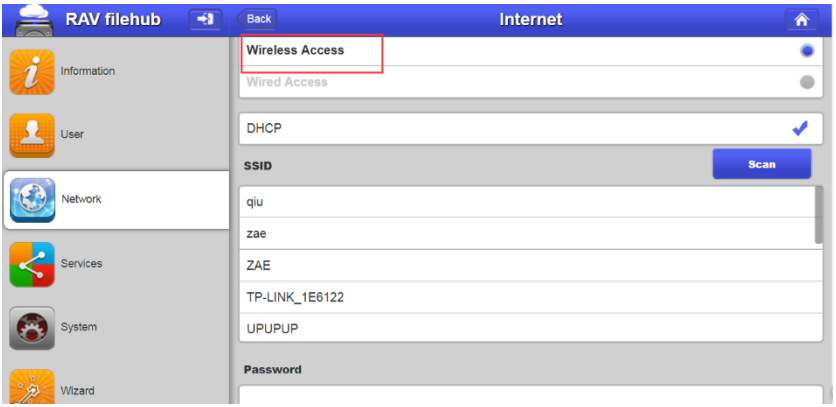
Configuration #1:

Example: Android

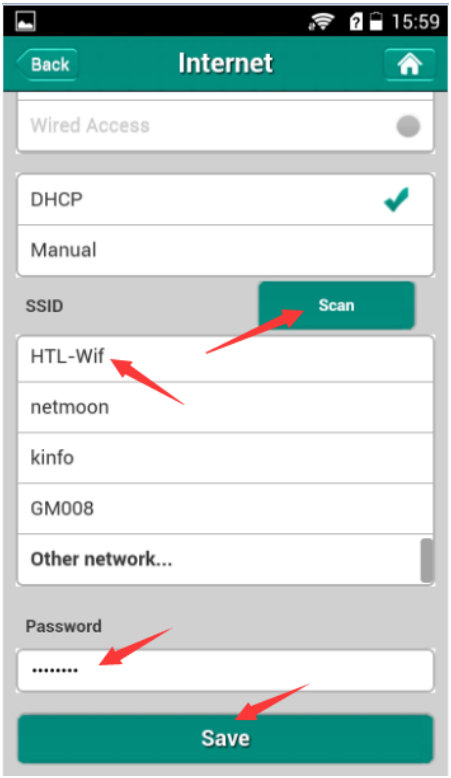
1. Turn on the FileHub
2. Connect your phone to the FileHub wirelessly
3. Open browser and log in 10.10.10.254
4. **Settings→ Network Settings → Internet**, choose **Wireless Access,** Click **Scan** to search for available Wi-Fi connections.


RAV filehub
Videos
Photos
Music
Documents
Explorer
Settings

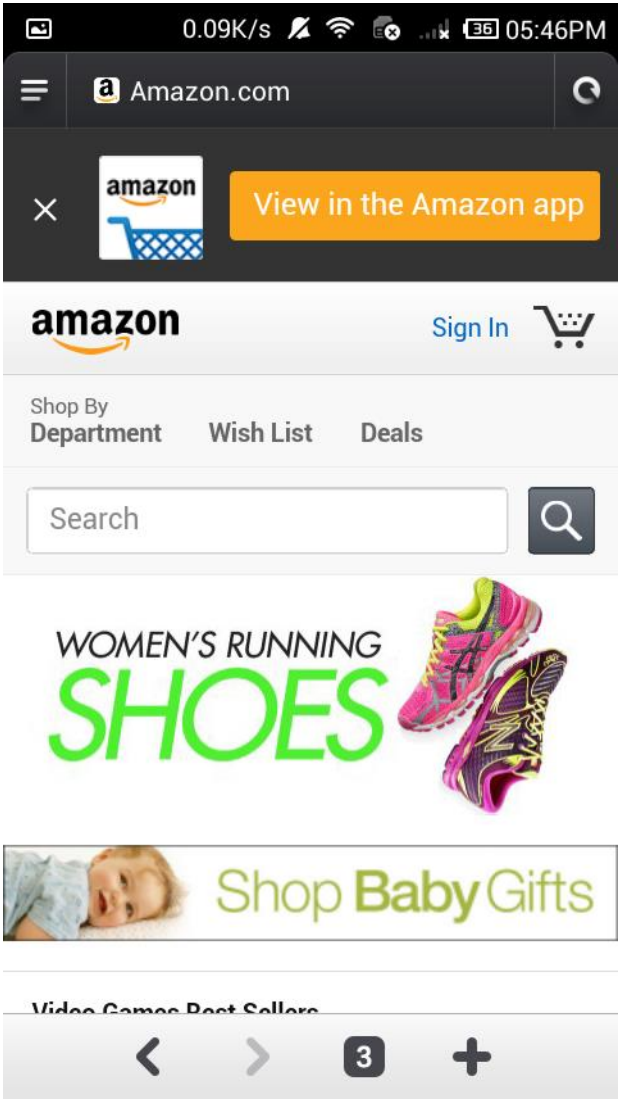

RAV filehub
Back
Network Settings
Information
User
Network
Services
System
Wizard
Host Name
Wi-Fi & LAN
Wi-Fi & 5G
DHCP Server
Internet


RAV filehub
Back
Internet
Information
User
Network
Services
System
Wizard
Wireless Access
Wired Access
DHCP
SSID
Scan
qiu
zae
ZAE
TP-LINK_1E6122
UPUPUP
Password

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



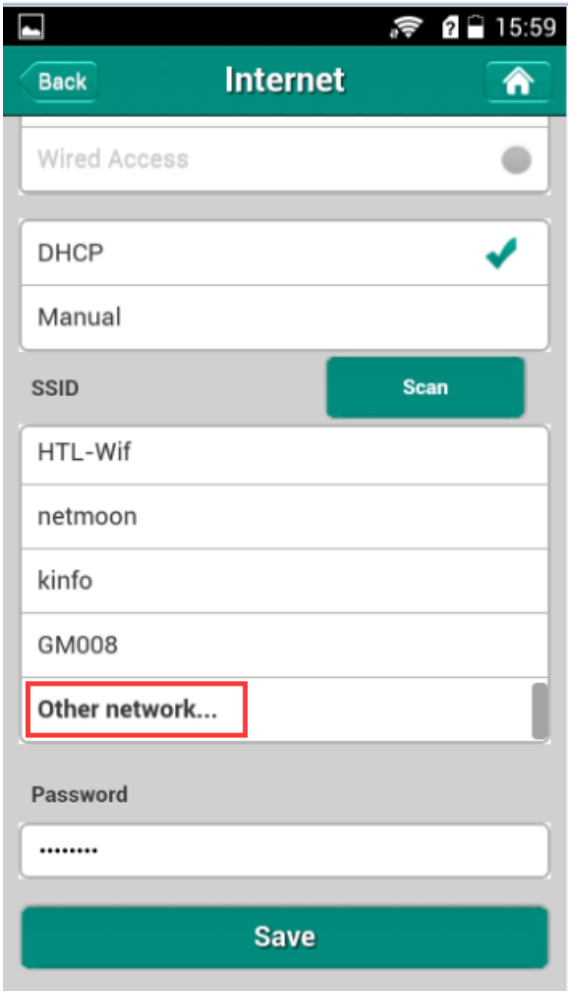
The FileHub will now connect to the Internet.



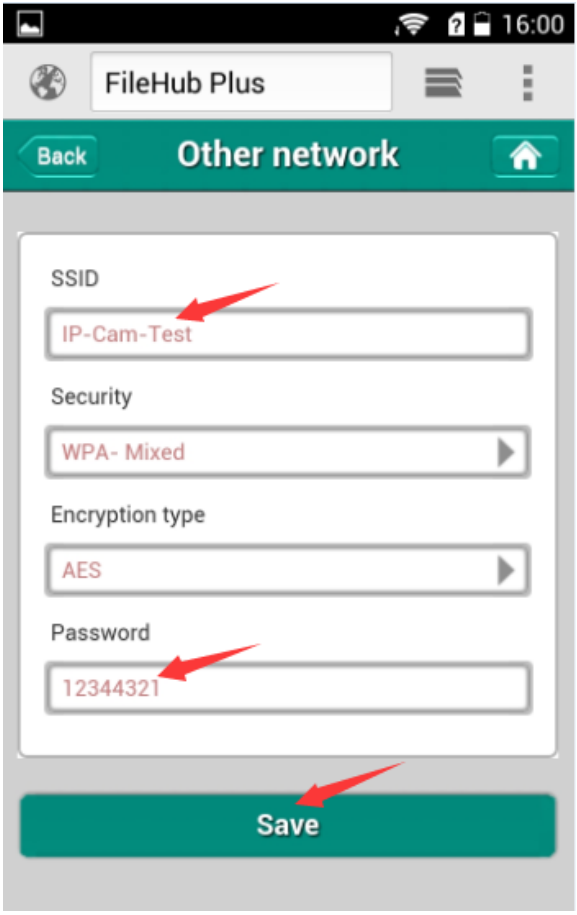
FileHub can store the connected Wi-Fi.

FileHub can connect to a hidden SSID.

1. Open the SSID drop-down list. 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 wireless networks that need a **username** and **password** to connect or use a **Terms of Service** agreement.

1. Get the user name and password of the Wi-Fi (if necessary).
2. Connect your phone to the FileHub wirelessly.

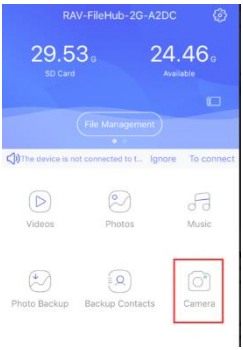
3. Open browser and log in **10.10.10.254**.
4. **Settings→ Network Settings → Internet**, choose **Wireless Access**, click **Scan** to select the Wi-Fi, then leave the password empty, click **Save.**
5. Open another page of the browser, the authorization page will pop up, then login with the username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

The FileHub will now connect to the Internet.

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

In-app Camera

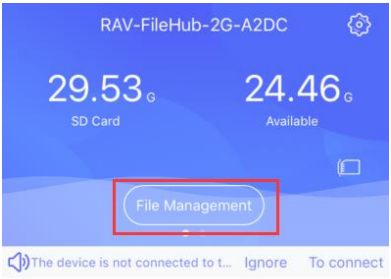
1) Save photos and videos directly to SD card via RAV FileHub
Save photos and videos directly to SD card via RAV FileHub so you can free up your phone's memory for other things.(your phone must be connect with the wifi of FileHub and make sure the transmission distance is less than 10M/32. 8 feet.)

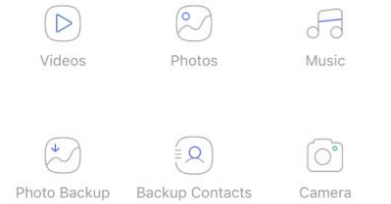


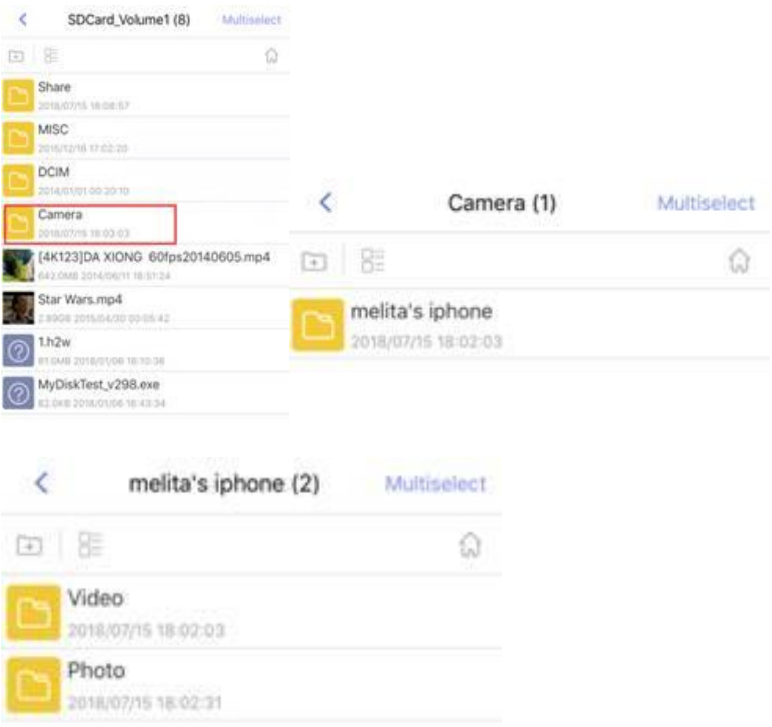
2) How to find these picture?

APP: File Management-SD Card-Camera-XXX’s phone-photos/videos

10.10.10.254: Explorer-SD Card-Camera-XXX’s phone-photos/videos







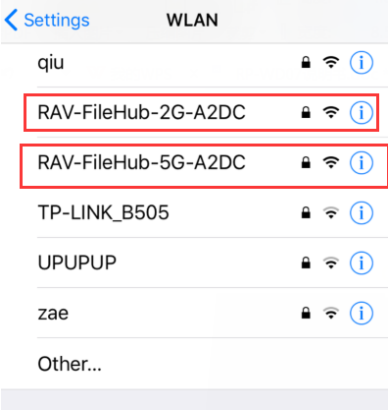
3)Select the

Media Streamer & Sharer

1) Share Files

Access your movies, music, and photo at home or on the road when you connect up to five different devices to the unit via local Wi-Fi network.

Make sure all device are connect with RVA-FileHub-2G-A2DC or RVA-FileHub-5G-A2DC.



When you connected the wifi of RP-WD009, then you can wireless Storage (copy or move) the file on SD card and flash drive/Hard drive to your phone which means everyone can choice the photos they love and copy it to their phone via our app when traveling. (Only support five different devices, make sure the transmission distance is less than 10M/32. 8 feet)

2) Hotel WiFi Share

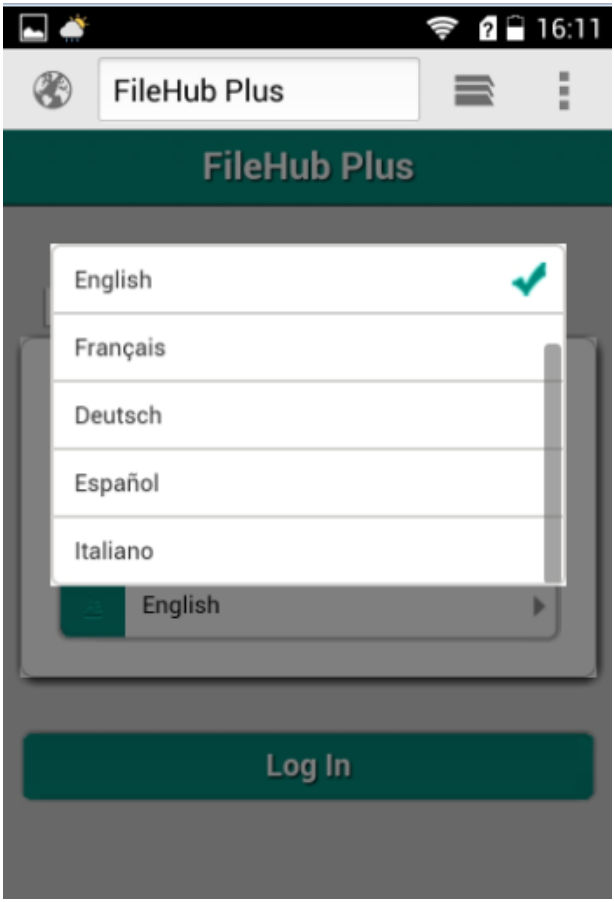
1) Please connect the wifi of Filehub first and then use your device to connect local network.
And then you can use guest device to connect the wifi of Filehub.
3) Authentication wifi page setting

Via 10.10.10.254
Bridge Mode
- ask hotel front desk to get the wifi user name and password of your room
- connect your phone to Filehub, login its website 10.10.10.254
- Setting -> internet -> wireless access -> scan -> select your hotel's Wifi name (SSID), leave the password empty, save.
- Open another page on your phone browser, the hotel restrict page pops up, login with the username & password you asked from front desk
- Your RAV FIileHub's mac address has been registered by hotel wifi system, then your other devices could access the network bridged by RAV FileHub.
(Clean your browser cache if it failed to connect at the first time)

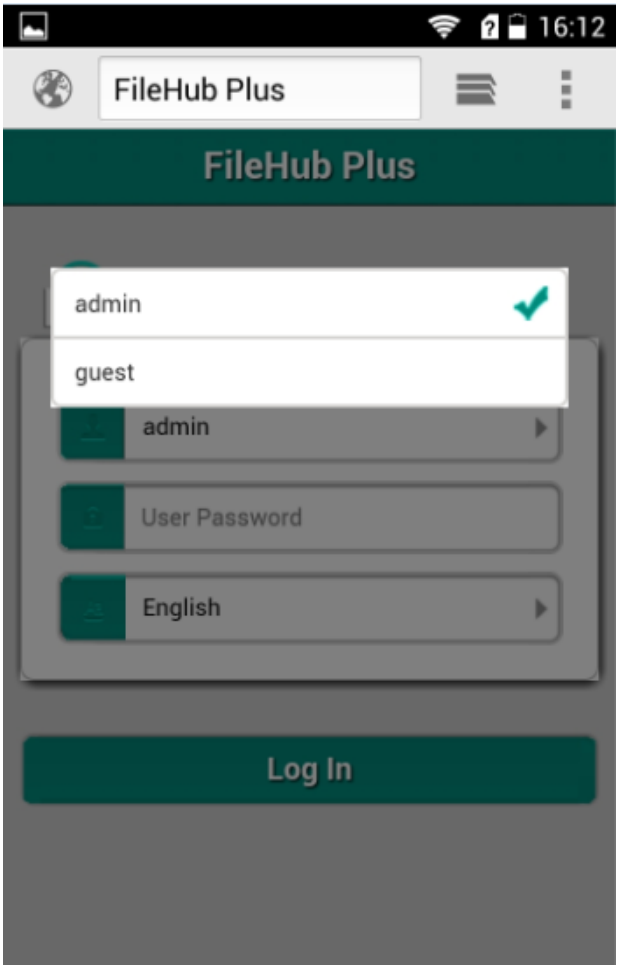
System Tools

Language

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



And select the account



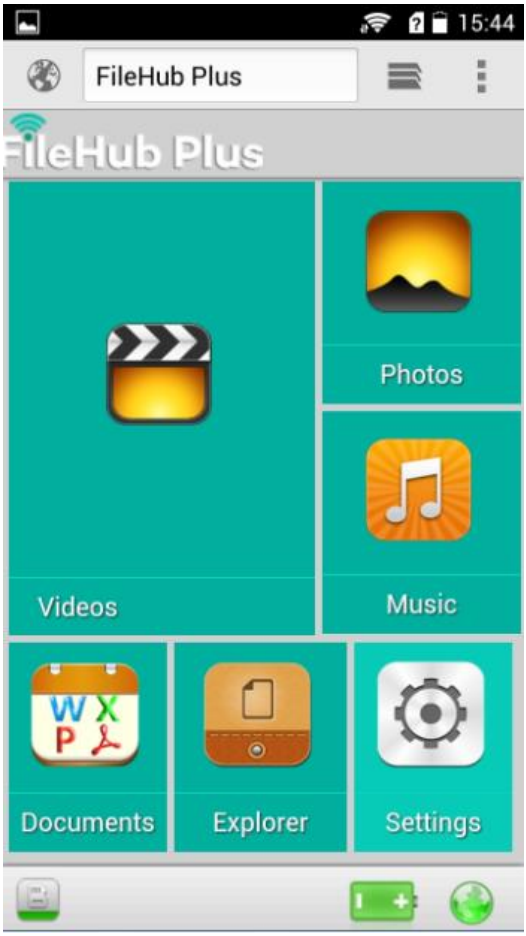
Guest can only visit the content of the folder "**Share**" which is created automatically on your USB storage. You can put the files that you want others to view into this folder. The guest can edit the password of the

guest account.

Symbols

	How much battery is left
	Not connected to any Internet network
	Connected to the Internet
	Click to redirect to the main page
	Click to go back to the last page
	Click to log out of the admin page

Main Page



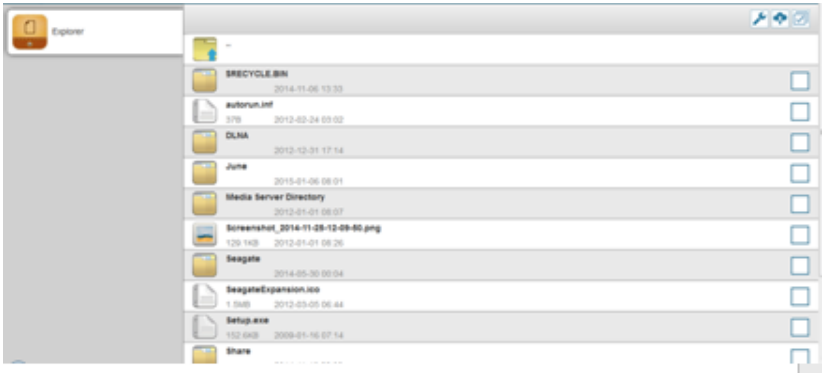
Videos/Photos/Music/Documents show the contents of the **DLNA** folder

89

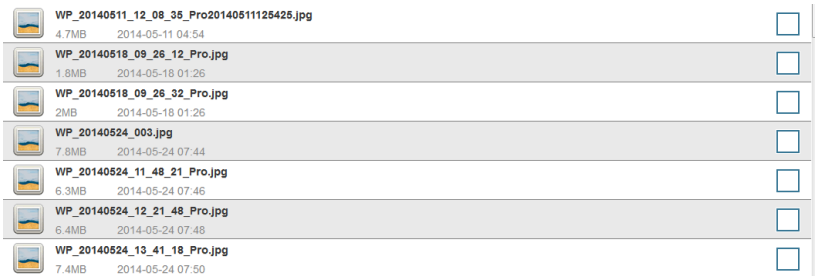
Explorer

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

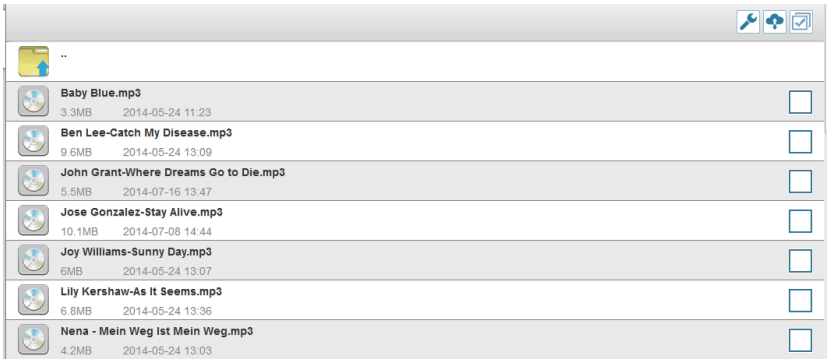
Example: Windows 7/Firefox

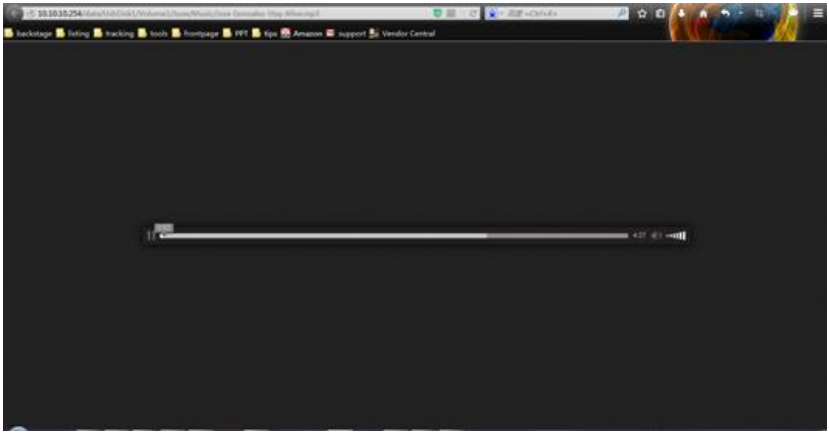


Here you may view the pictures:



Play music:

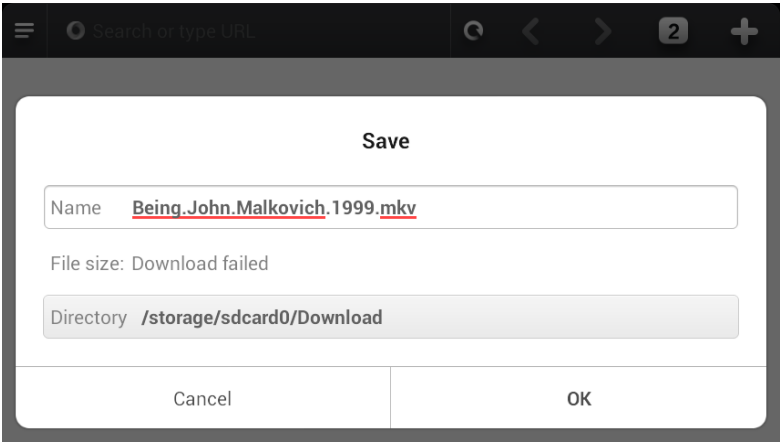

..
Baby Blue.mp3
3.3MB 2014-05-24 11:23
Ben Lee-Catch My Disease.mp3
9.6MB 2014-05-24 13:09
John Grant-Where Dreams Go to Die.mp3
5.5MB 2014-07-16 13:47
Jose Gonzalez-Stay Alive.mp3
10.1MB 2014-07-08 14:44
Joy Williams-Sunny Day.mp3
6MB 2014-05-24 13:07
Lily Kershaw-As It Seems.mp3
6.8MB 2014-05-24 13:36
Nena - Mein Weg Ist Mein Weg.mp3
4.2MB 2014-05-24 13:03



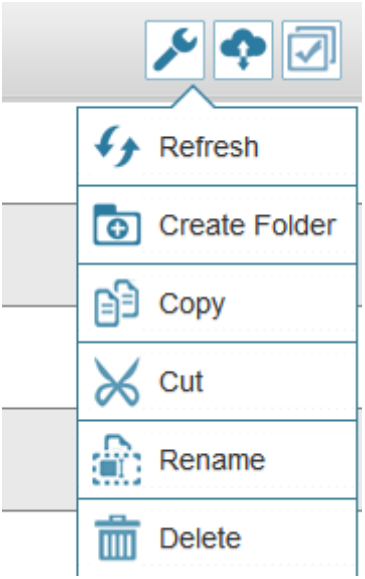
Watch videos:

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

If your phone doesn’t support the formatted video, it will be downloaded to your phone:



Here are some basic functions to manage your USB storage:



Refresh	To refresh the display
Create Folde	To create new folders on your external USB storage device
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 files
Upload	To upload the files in your PC/Laptop to the USB external storage device
Select All	To select all the files below
..	Up one level
	Stream this to your DLNA devices that are

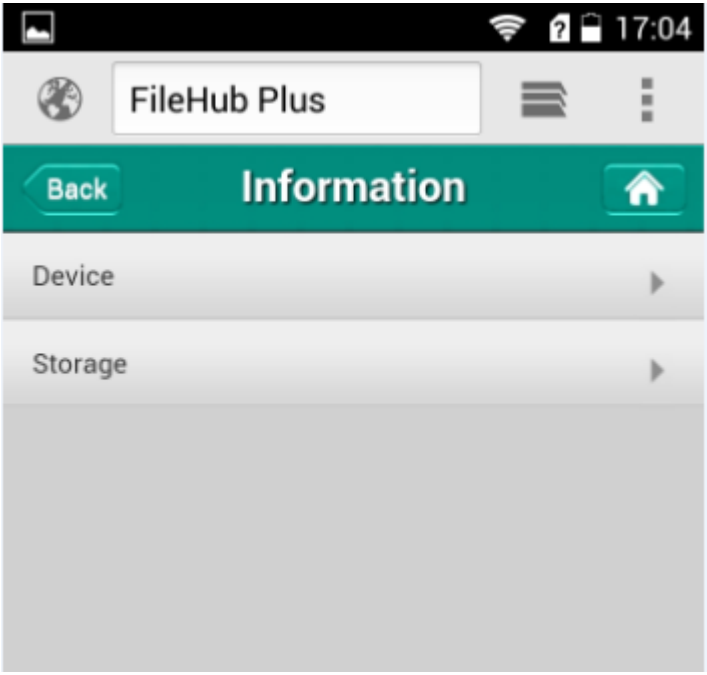
	wirelessly connected to your FileHub

Information

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

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

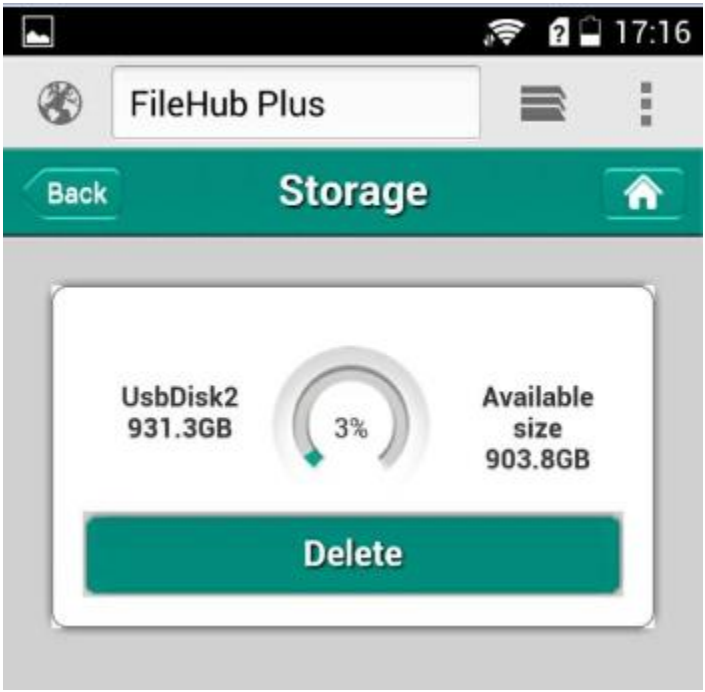
15:44
FileHub Plus
FileHub Plus
Information
User Manager
Network Settings
Services Settings
System Settings
Wizard Settings



Click **Device** to view the FileHub information.

Serial Number: Refers to which batch your FileHub belongs to. This is the same as the serial number (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 attached to the FileHub.



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

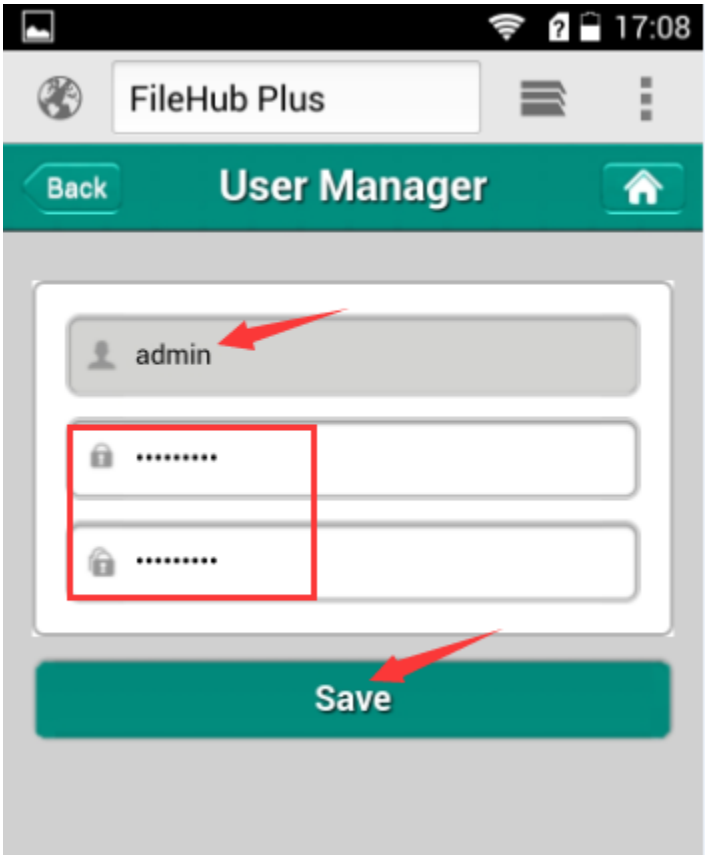
User Settings

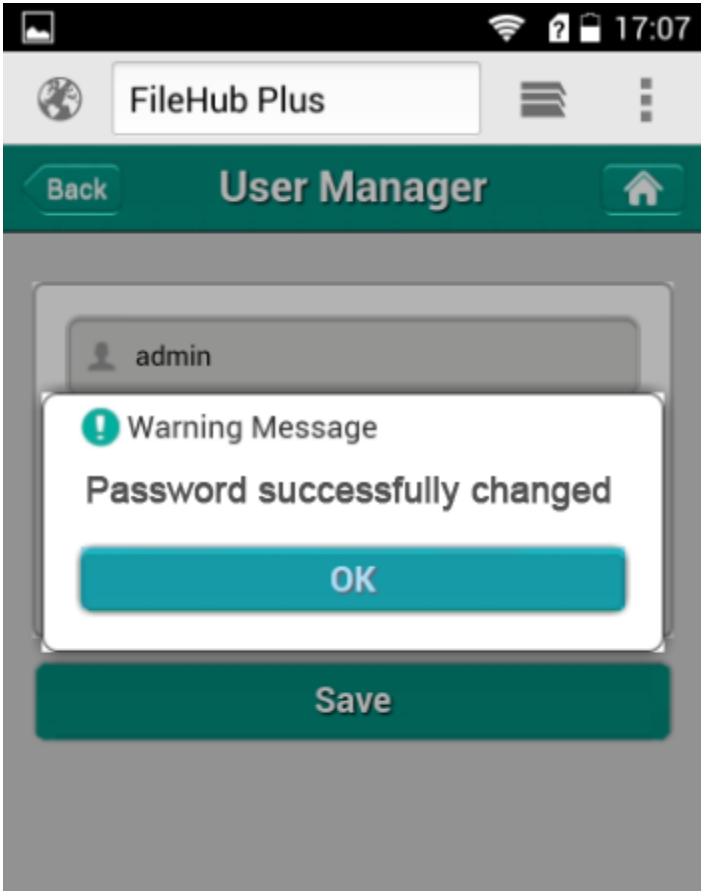
Login 10.10.10.254, **Settings →User Manager**

Admin

Select **Admin**. Here you can change the password of the admin account. Enter your new password, click **Save**.

Note: If you forget the new password, you will have to reset the FileHub to factory settings to enter 10.10.10.254

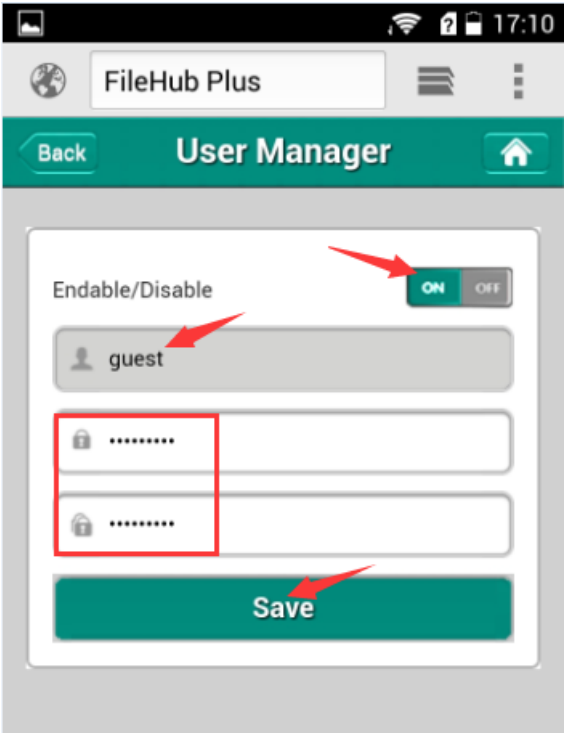




Guest

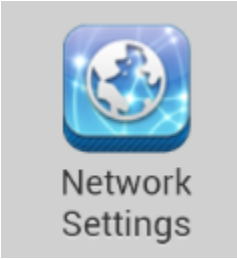
Click **guest,** then click

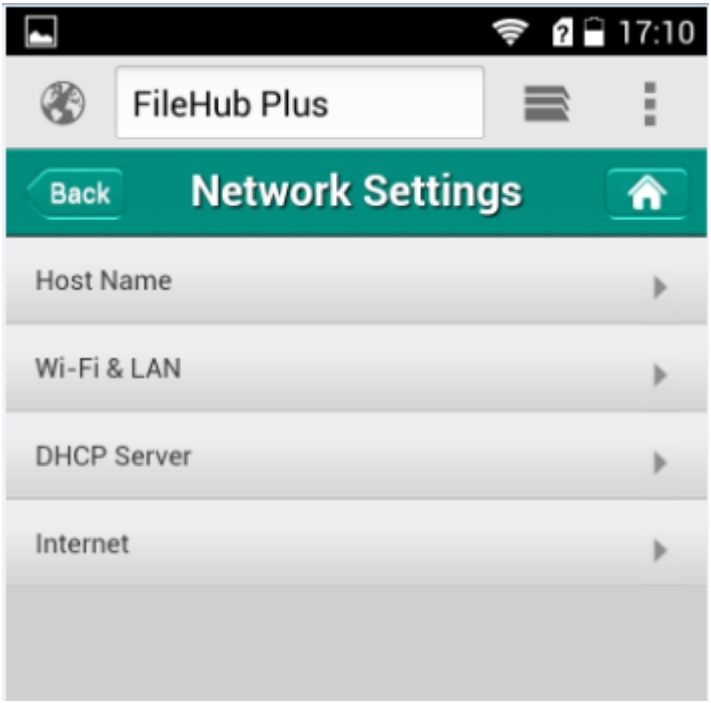
to enable or disable the guest account. You can also set the password of the guest account here.



Network Settings

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

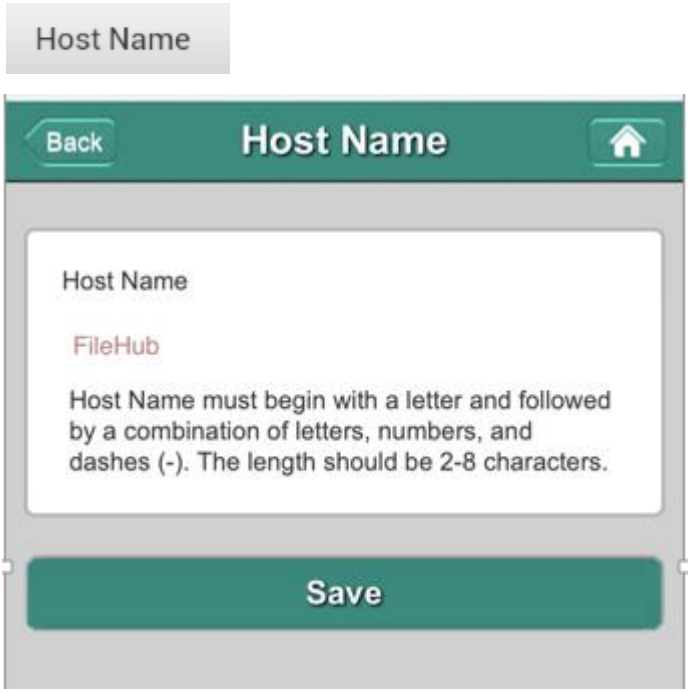




Host Name

FileHub host name can be changed here:

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

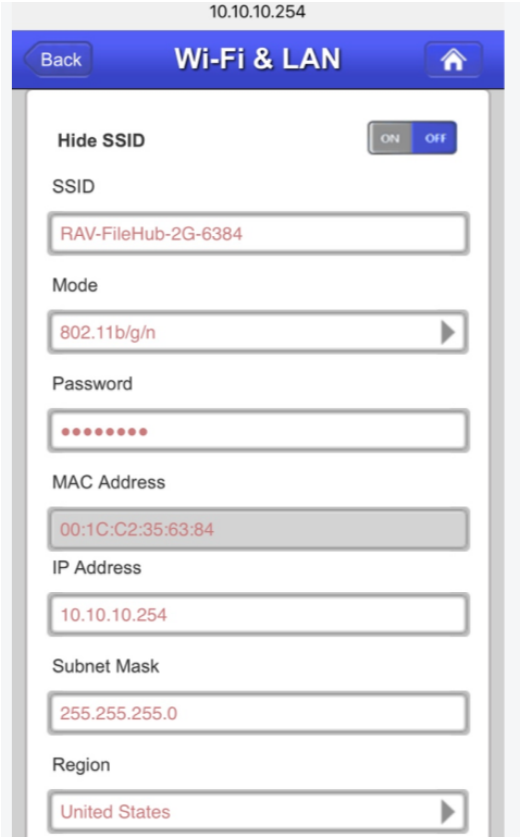


Now the host name has changed.

SSID Settings

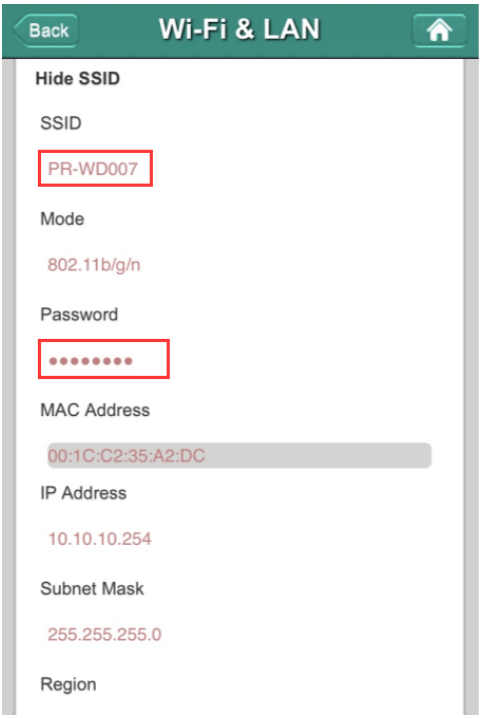
To change the SSID name and password of FileHub, please follow the steps below:

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

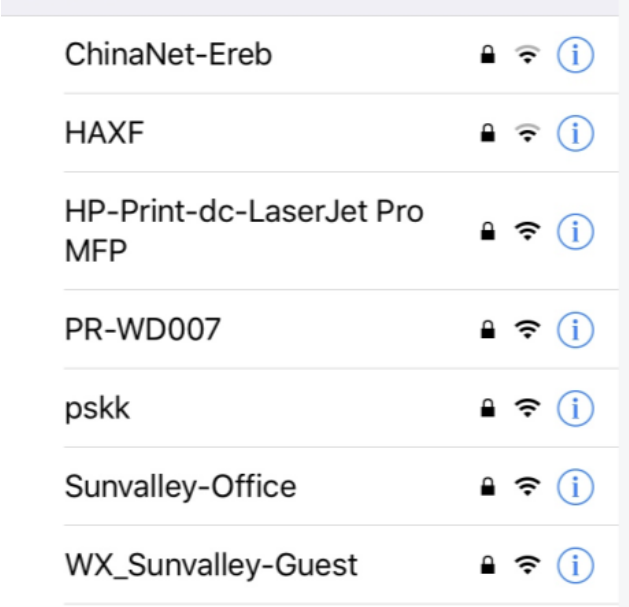


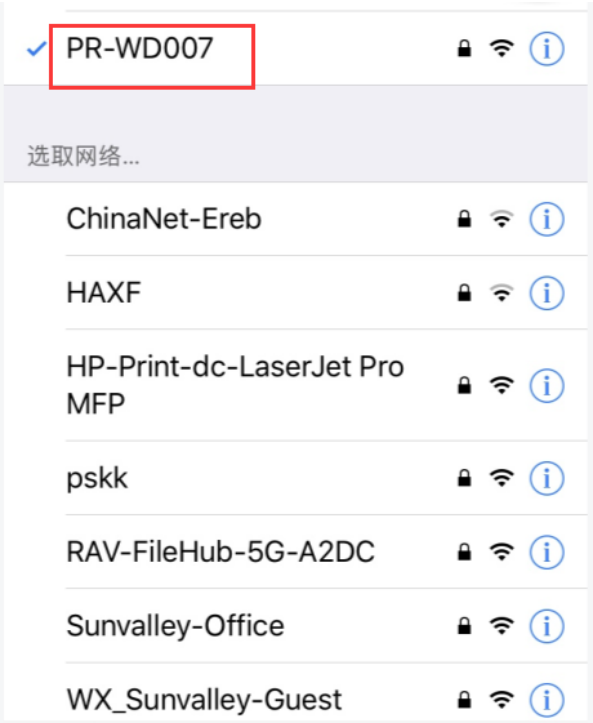
2. Enter your new SSID name and password. Click **Save**

3.



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


ChinaNet-Ereb
HAXF
HP-Print-dc-LaserJet Pro MFP
PR-WD007
pskk
Sunvalley-Office
WX_Sunvalley-Guest



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.

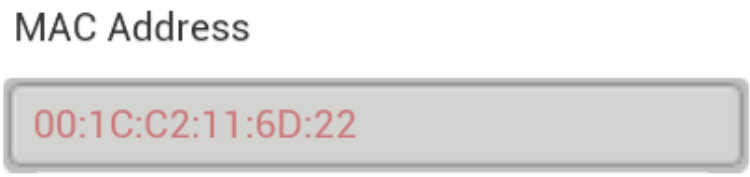
Go back to the WiFi setting on the phone. The phone fails to connect to the FileHub, because it remembers the last password. Every phone has a

different button to **Forget Network.** Then reconnect it with new password

Mac Address

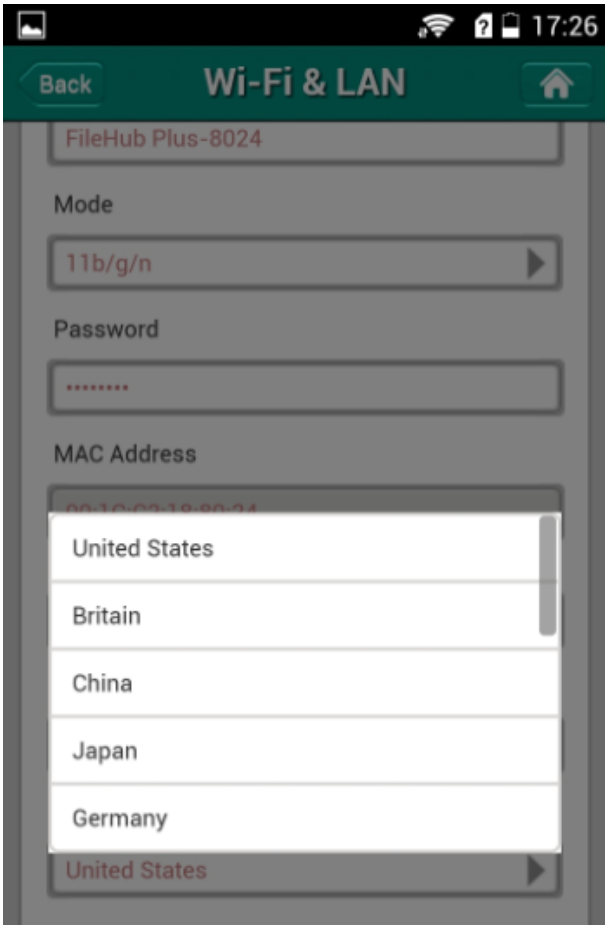
This is the **Mac address** of FileHub **LAN** itself. If your home router has a Mac filtering, please add the FileHub MAC address to the white list of your router. Or your FileHub will reject to connect to your home router.

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**



Region & Wi-Fi Channel

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



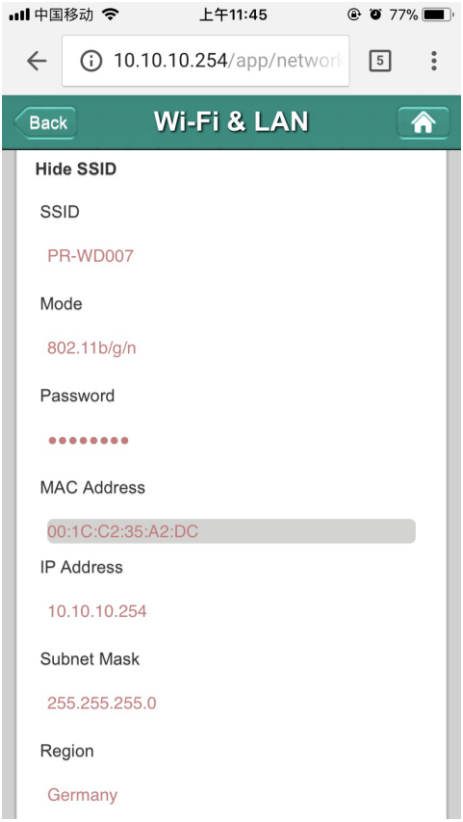
And change the **Security** type (default: Mixed WPA/WPA2-PSK):

Hide SSID

Click

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

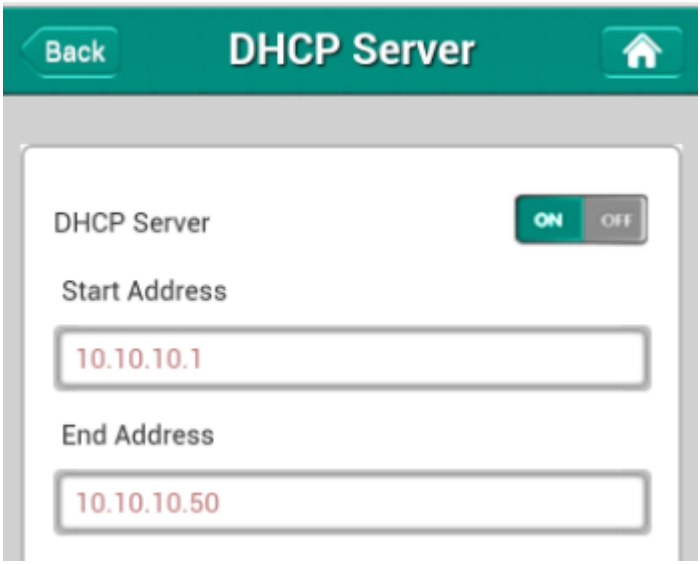
✎ If you would like to hide your SSID, please make sure you have set up the network setting (wired/wireless) previously, otherwise you will lose the connection to FileHub, and will need to reset the FileHub to restore the original settings.



DHCP Settings

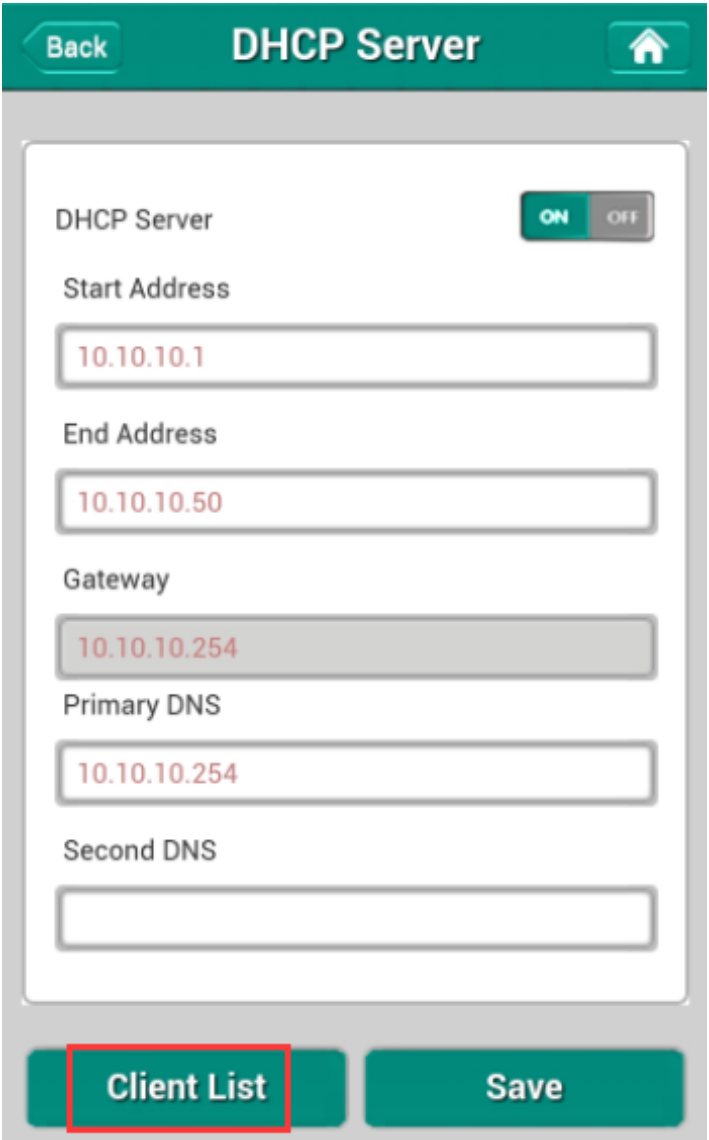
Click

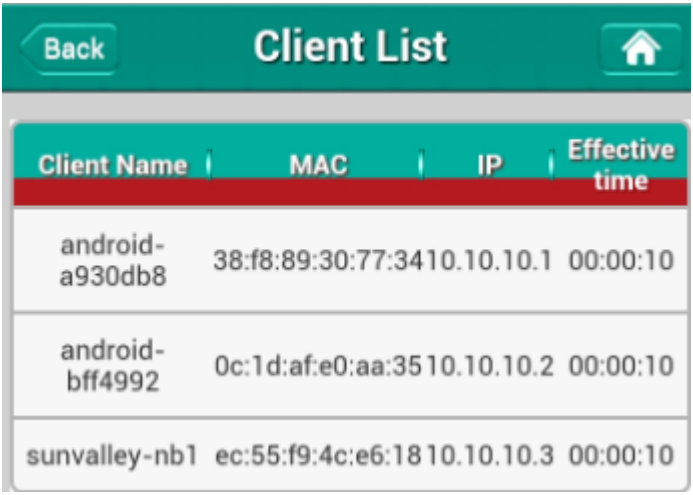
you may enable/disable the DHCP server.



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.

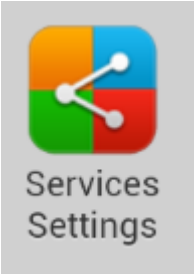
Towards the bottom of this page, you may view the **clients** connecting to your FileHub.

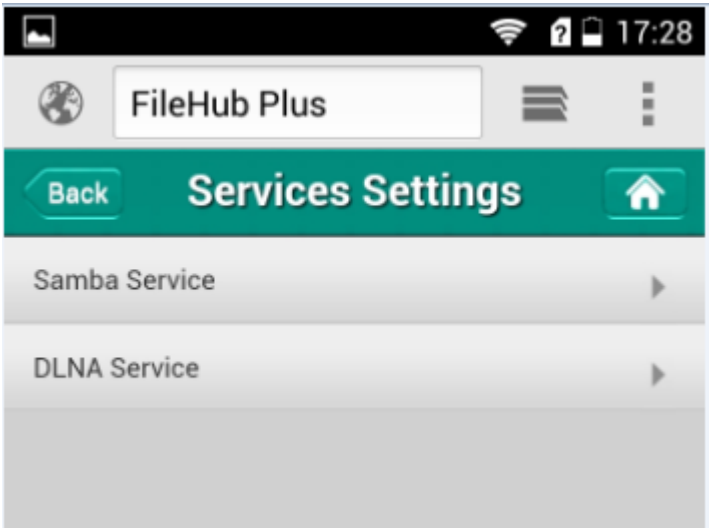

Back
DHCP Server
DHCP Server
ON
OFF
Start Address
10.10.10.1
End Address
10.10.10.50
Gateway
10.10.10.254
Primary DNS
10.10.10.254
Second DNS
Client List
Save


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

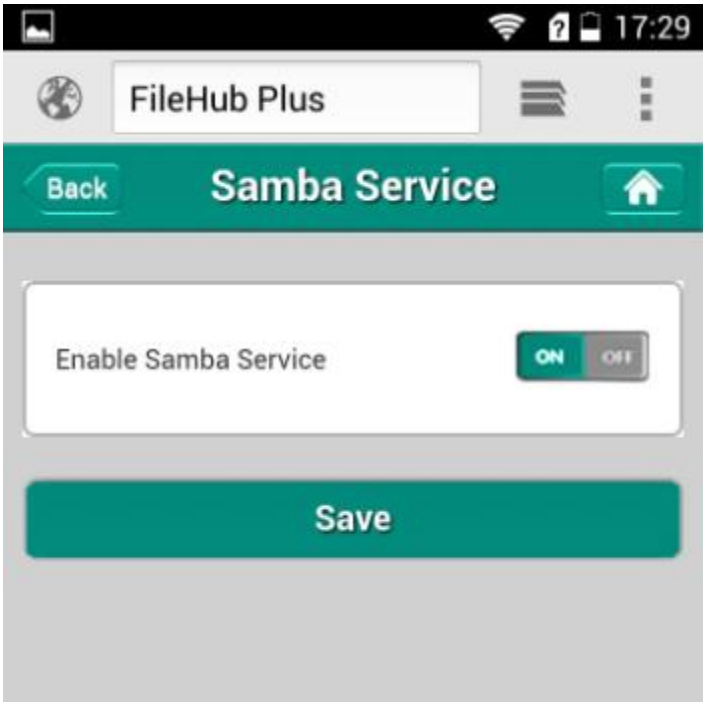
Click 10.10.10.254 → **Settings** → **Service Settings**





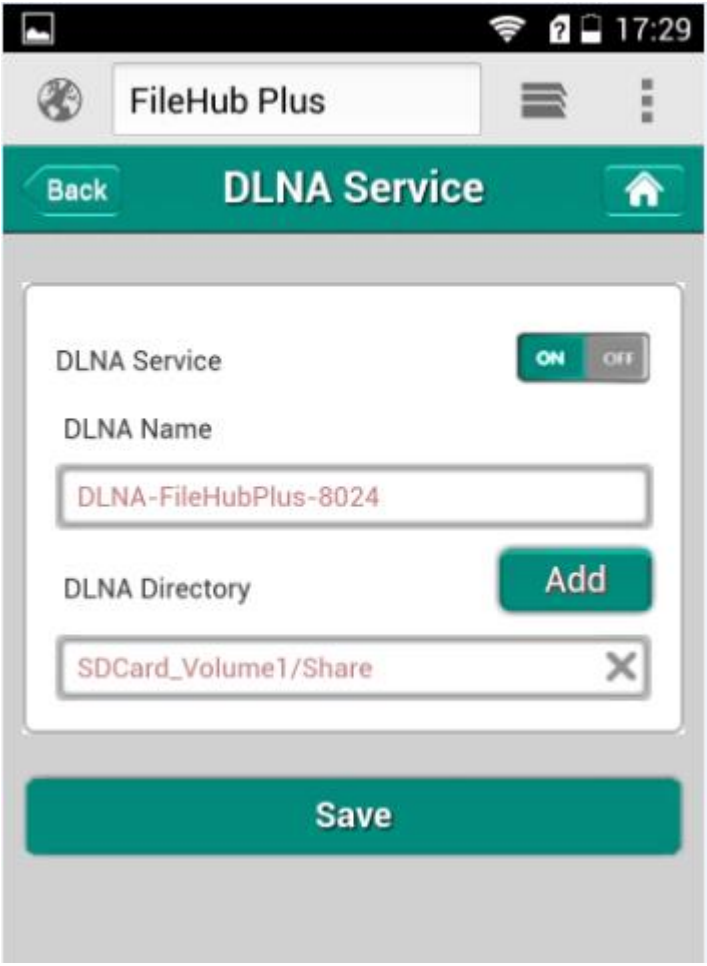
Samba Service

Provide shared services to files and printers for clients on the 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):

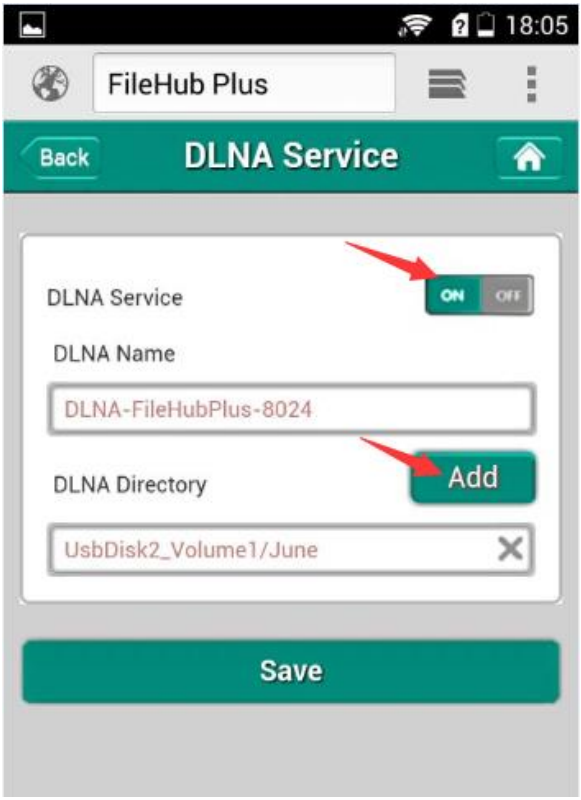


The default name: DLNA-FileHub-XXXX

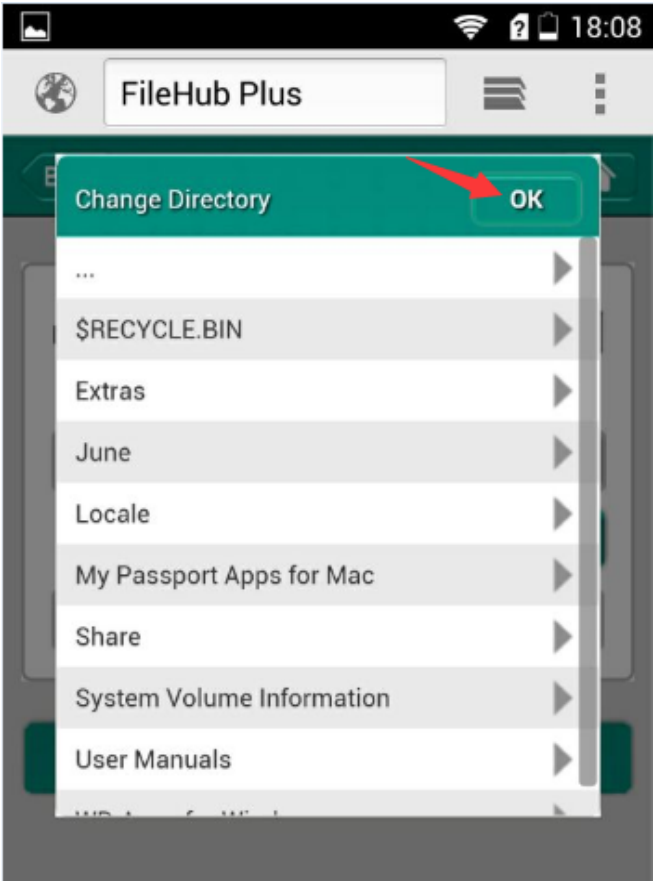
Default directory: WiFiDisk1_Volume1/Media Directory Server

Example: DLNA Name changed to **6D22** and the directory changed to **June.**

Switch **DLAN Service** to ON, then click **Add.**

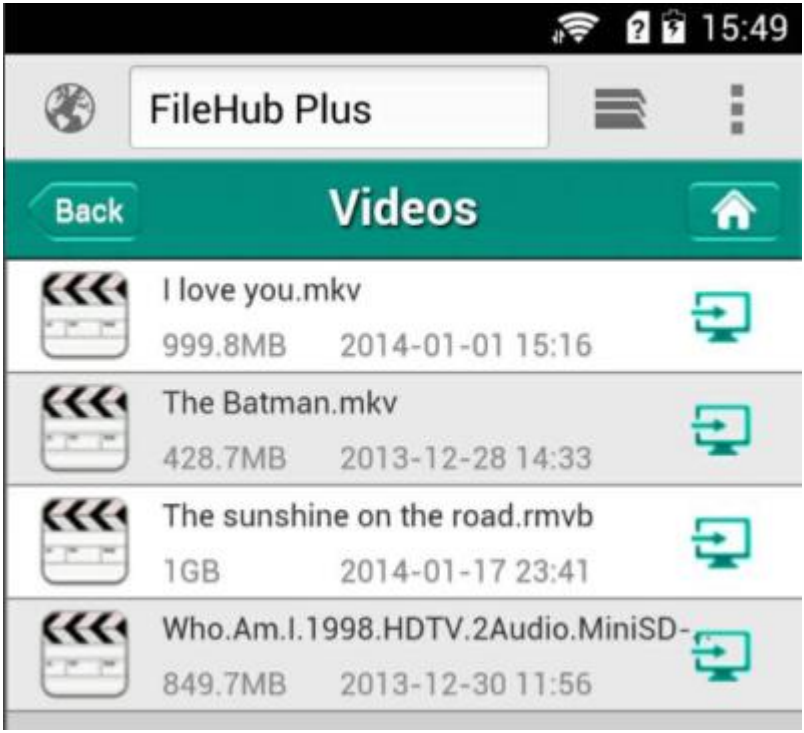


Tap on the folder and click to change the directory.


18:08
FileHub Plus
Change Directory
OK
...
$RECYCLE.BIN
Extras
June
Locale
My Passport Apps for Mac
Share
System Volume Information
User Manuals

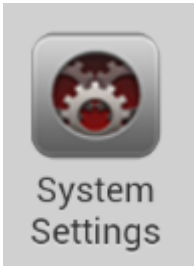
Now go back to the main page, the sections will show the contents of the folder that you set for the DLNA directory.

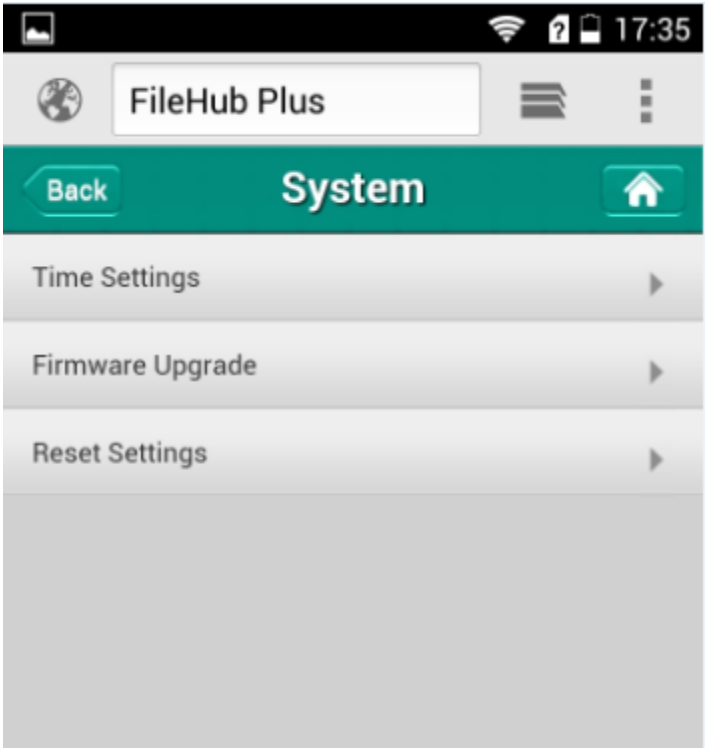
15:44
FileHub Plus
FileHub Plus
Photos
Videos
Music
Documents
Explorer
Settings


15:49
FileHub Plus
Back
Videos
I love you.mkv
999.8MB 2014-01-01 15:16
The Batman.mkv
428.7MB 2013-12-28 14:33
The sunshine on the road.rmvb
1GB 2014-01-17 23:41
Who.Am.I.1998.HDTV.2Audio.MiniSD-
849.7MB 2013-12-30 11:56

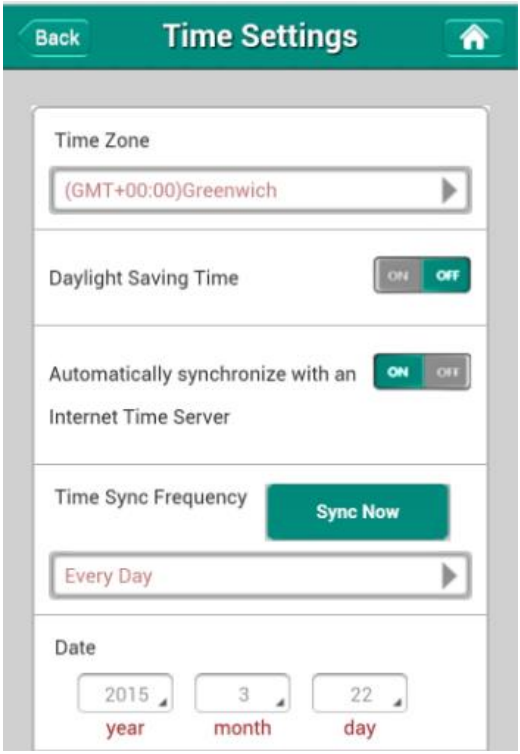
System Settings

Login 10.10.10.254, click **System Settings**



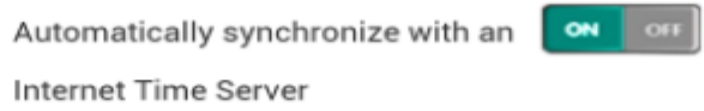


Time Settings

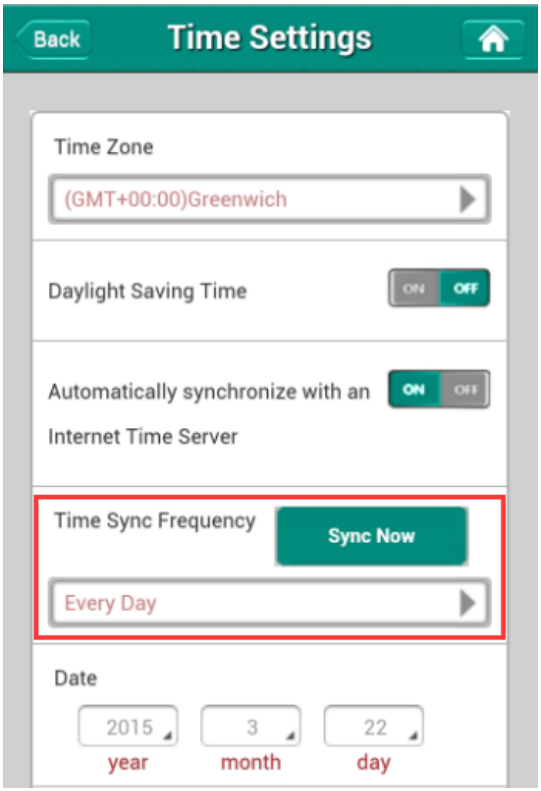


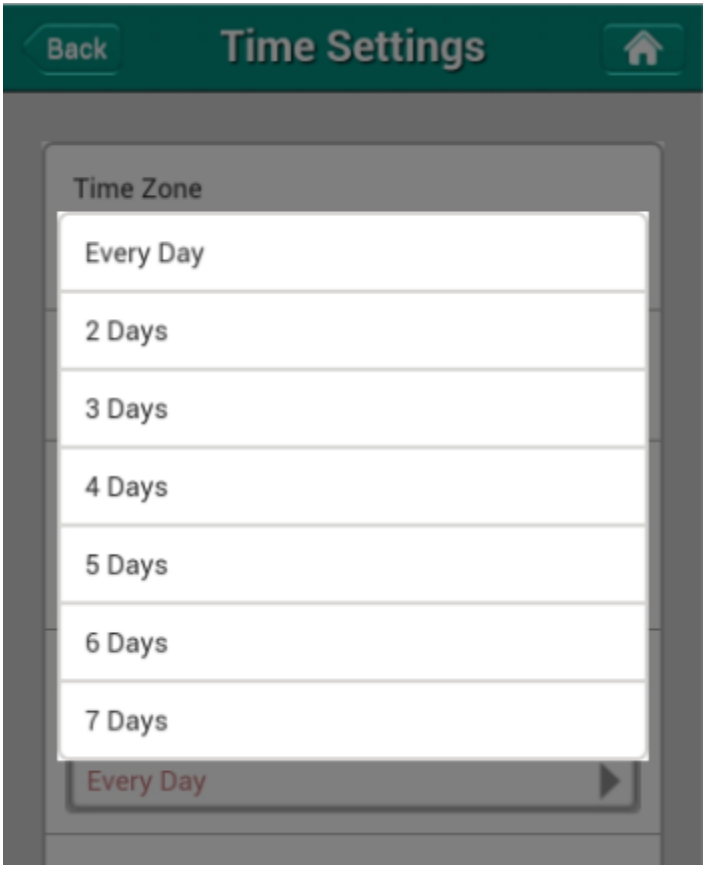
Time Zone

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

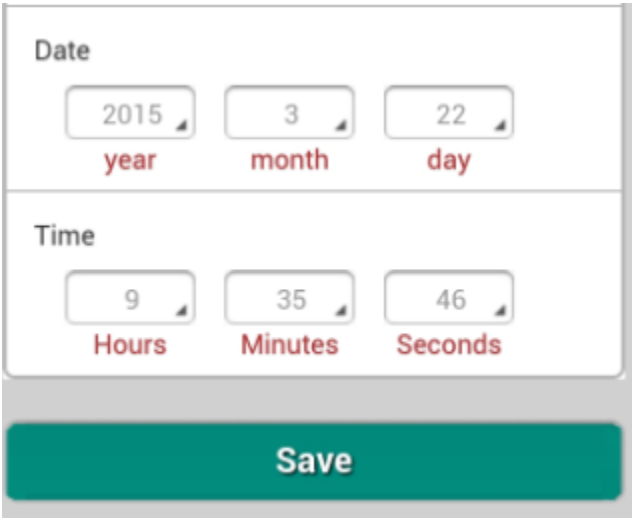


If you turn on the auto sync time server, you may set the **sync frequency** or you can **sync now**.



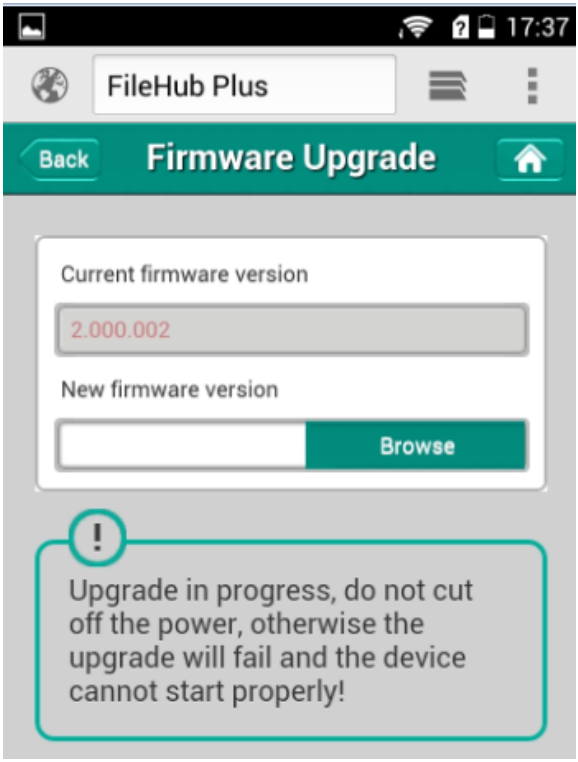


And here you can manually set the time for the FileHub.


Date
2015
3
22
year
month
day
Time
9
35
46
Hours
Minutes
Seconds
Save

Firmware Upgrade

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

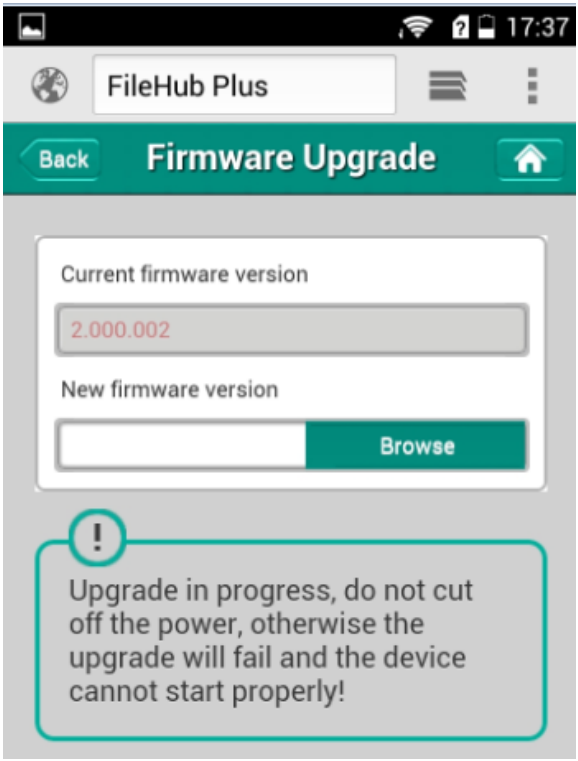


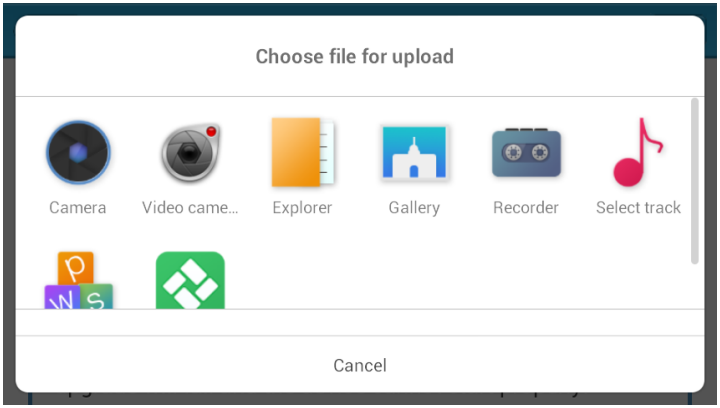
From here you can upgrade the firmware.

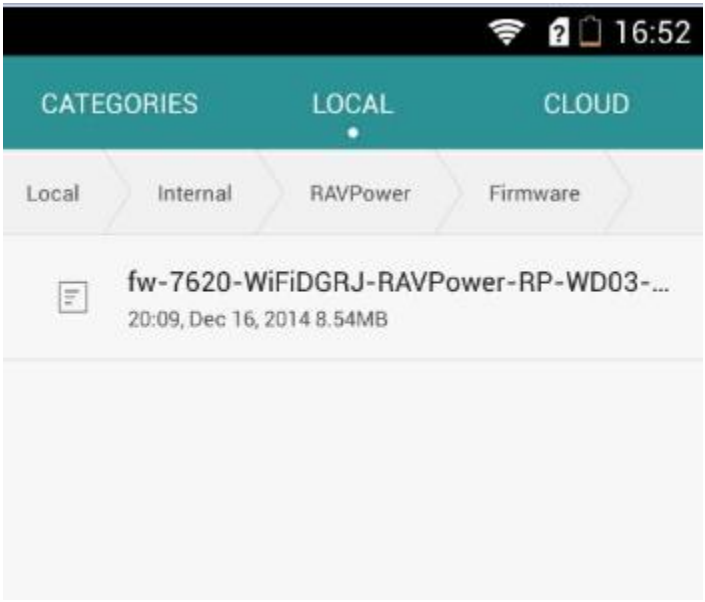
To upgrade the firmware, please follow the steps below:

1. Download the firmware from the RAVPower website: https://www.ravpower.com/filehub-5G-wireless-travel-router-6700mah-portable-charger.html

2. Unzip it.
3. Insert a USB storage device into your FileHub (e.g an external hard drive or a USB flash drive).
4. Connect to the FileHub via wireless.
5. Open a browser and enter **10.10.10.254**.
6. **Settings →System Settings→Firmware Upgrade→Browse,** Browse and select the file.


17:37
FileHub Plus
Back
Firmware Upgrade
Current firmware version
2.000.002
New firmware version
Browse
Upgrade in progress, do not cut off the power, otherwise the upgrade will fail and the device cannot start properly!


Choose file for upload
Camera
Video came...
Explorer
Gallery
Recorder
Select track
Cancel



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 the FileHub:

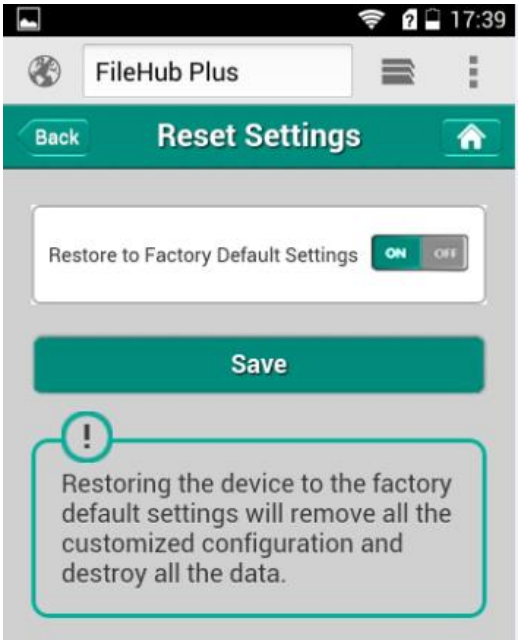
1. Hard Reset:

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.



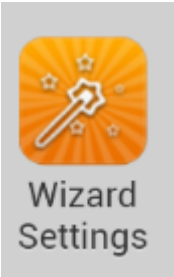
Please ensure your FileHub has at least 50% power left (2 blue LED lights) before resetting

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.



18 Guides you to set the FileHub up from beginning.

Battery Backup

FileHub RP-WD009 has an internal 6700 mAh battery, which you can use to charge your devices on the go.

Charging the FileHub

Start charging the FileHub when the remaining power is less than 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 1.0A may damage the internal battery.

Charge Devices

To charge your device:

1. Plug the USB end of the charging cable into one of the USB ports on the 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 ports. The USB cable provided will not be able to charge these devices. Please use the 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.

Caution

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

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.
- Charging your device while charging the FileHub can result in the internal battery of the FileHub being damaged.
- 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 a RAVPower representative.

Q: *Why can't I connect to the FileHub after changing the SSID password?*

A: Please forget the password of the FileHub on your phone 80. If this doesn't work, please reset the FileHub for a try 105.

Q: *Why does the network speed decrease 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 is the industry standard with almost all routers with a 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 the FileHub?*

A: Please check if your FileHub is connected to a wired or wireless network 31.

Please note that the FileHub can create its own LAN but without full

internet access.

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 30 seconds	Recharge the FileHub	123
Operation failed due to network outages!	Check the connection between your device and the FileHub. Reconnect your device to the FileHub.	11

Hardware Specifications

Project Name	RAV FileHub	
Model name		
CPU	Model	MTK MT7628+MT7610E
	Frequency	MIPS24KEc 580MHZ
Flash	Capacity	SPI Flash16MB (128Mbit)
SDRAM	Capacity	DDR264MB (512Mbit)
LED	Battery LED	LED light to show the battery status right after power on:
	WiFi LED	WiFi LED shows the system initiating state and WiFi Mode: Start flashing: Kernel loading in process Stop flashing: System initiation completes WiFi Mode indicating: Blue: 5Gz Mode; Purple: 2.4Gz + 5Gz Mode; Green: 2.4Gz Mode;
	Internet LED	LED Solid: Connected to Internet network LED Off: Not connect to Internet network
	SD card LED (Green)	Blue: checked the SD card inserted Blue flashing: SD card readingor writing
Button	Power button	Push to switch Power on/off mode
	Reset button	Push above 5s reset to the default Factory settings

	WiFi Mode button	Push above 3s to WiFi Mode switching: 2.4GHz -->5GHz-->5GHz & 2.4GHz -->2.4GHz
	Back up button	Push to start data copy (back up) from SD card to USB HDD.
SD Card	SD Slot	External SD Card, Support to SDXC 2TB
USB JACK	USB device interface(TypeC)	TypeC connector Charging port and PC Card Reader
	USB host interface(USBA)	USB 2.0: Support USB flash/HDD Support 1A output current charging for iPhone®, smartphone.
Battery	Capacity(30113-00153)	6700mAh Li-ion CMICR18650F9-3350mAh 3.6V
	Charging current	Max: 1350mA, Automaticadjustment of current
PLAY TIME	2.4G without WAN+SD(2.6W) Play video	About 8H
	5G without WAN+SD(3.2W) Play video	About 6H
Power dissipation	Max power dissipation (tested with SD card read/write without USB storage activity) * It will vary slightly with different type of SD cards	6.8W

Environmental requirements	• Operating Temperature: 5 ℃ to 35 ℃ • Non-Operating Temperature: 0 ℃ to 60 ℃ • Operating Humidity: 5% to 90% (Non-condensing) • Non-operating Humidity: 5% ~ 90 % (Non-condensing)
	•
Product dimension	90mm L x 78mm W x 23mm H
Emission (EMI), Safety & Other Certifications	A) MIC, PSE, VCCI

Software Specifications

System setting	Language selection	To select your native languages
	Firmware upgrade	Automatically upgrade firmware
	Factory default setting restore	To restore default system setting originated in factory production
File system	NTFS	Support Microsoft Windows NTFS file system
	FAT16/FAT32	A) Support FAT16/FAT32 File System B) Application Tools: FAT file system check and repair tool
	exFAT(Optional)	Both support Microsoft and Mac® OS file system
	HFS+(Optional)	Support Mac® OS HFS+ file system
File service	Samba service (CIFS protocol)	Provide shared services to files and printers for clients on Microsoft Windows Network/Unix-Like Network
	DLNA	Provide DLNA server(DMS)
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) Wi-Fi access control: • None • WPA-PSK Personal • WPA2-PSK Personal • WPA&WPA2-PSK Personal B) WEB access control A) Password login C) Samba access control B) Password login Default security: A) Authentication needed with password 11111111 B) No authentication C) No authentication Connecting Ways(Optional): A) NFC authentication B）QR Code authentication
HDD management	HDD display	
	HDD partition size and remaining space display	

Network Management	WAN side setting	A) Static IP B) Dynamic IP
	LAN side setting	■ Local IP setting ■ Subnet mask setting ■ DHCP server setting ■ Default gateway setting ■ Default DNS setting
	2.4G Wi-Fi Setting	A) Wi-Fi mode setting B) Wi-Fi basic setting C) Wi-Fi security setting
	5G Wi-Fi Setting	A) Wi-Fi mode setting B) Wi-Fi basic setting C) Wi-Fi security setting
	QoS(Optional)	A) IP Address B) Mac Address C) Link Address
Application software	Client	A) Windows XP/2003/Vista/7, Linux, Unix, Mac® B) Android:tablet, smartphone C) iOS: iPad®, iPhone®
File Formats	iOS Client	***A)*** Audio:Support formats of***MP3,AAC, M4A*** ***B)*** Video:Support formats of***MP4,MOV,m4v，3GP,MPG,MKV,RM,RMVB,AVI,TS,FLV,VOB,M2TS,DIVX,WMV*** ***C)*** ***D)*** Photo:Support formats of

		jpg,tiff,bmp,png E) Document: Support formats of ***keynote,word,excel,ppt,pdf,txt (Invoke third-party app to open)***
	Android Client	*A) Audio: Support formats of**MP3 wav、M4A*** *B) Video: **3gp、mp4、mkv，MOV,MPG,RM,RMVB,AVI,M4V, TS,FLV,VOB,M2TS,DIVX,WMV*** *C) Photo:Support formats of **jpg,pngbmp、tiff*** D) *Document:Support formats of**txt,word,excel,ppt, pdf (Invoke third-party app to open)***

Warranty and Support

This RAVPower RP-WD009 FileHub is covered with the RAVPower 12 month warranty from the date of its original purchase. If the RAVPower RP-WD009 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

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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
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