RAVPower

RP-WD03

Advanced User Guide

Thank you for your purchase of the RAVPower RP-WD03 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:

HT-WD03 FileHub

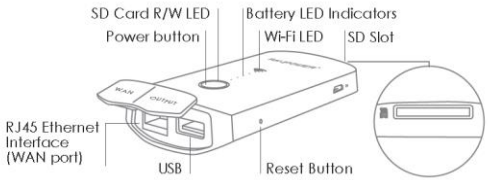
Cable

Quick Installation Guide

Contents

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

Battery LED Indicators:
Indicates how much battery is left:
1 LED: 0-25%
2 LEDs: 26-50%
3 LEDs: 51-75%
4 LEDs: 76-100%

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)

Wi-Fi LED:
Flashing Blue: System loading
Solid Blue: System loaded
Flashing Green: Connecting to the Internet
Solid Green: Connected to the Internet

SD Card R/W LED:
Flashing Blue: SD card is reading or writing
Off: No SD Card Available

RJ45 Ethernet Port:
Connect to your existing router/modem to set the FileHub to AP/Bridge/Router modes.

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 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 Chromecast to your FileHub and play videos and music on your connected USB storage through Chromecast to the big screen.

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

- 6000 mAh external battery charger capable of charging most smartphones 2-3 times.

Configure the FileHub

Connection

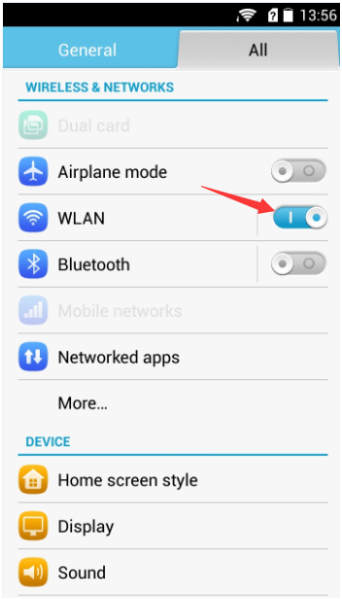
The FileHub WD03 can create a local wireless network (without internet access). Central functions are performed through the local network. To connect the FileHub wirelessly, please follow the steps below:

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.

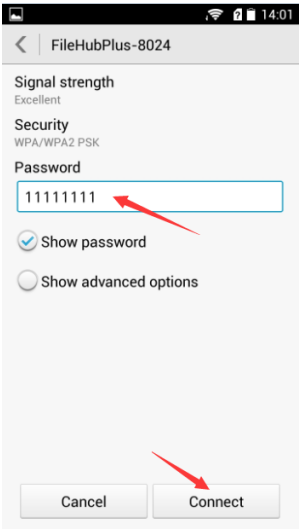
2. Click **Settings** on your phone.

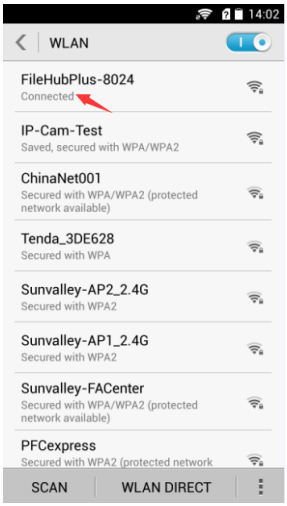
3. Click **WLAN** and open the Wi-Fi.


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

4. Select **FileHubPlus-XXXX**.

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

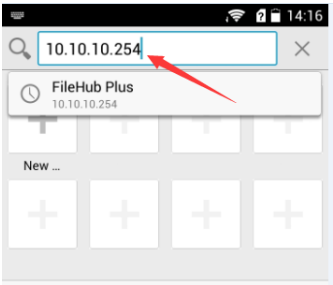




✎ The same process applies for iPhone and other Smartphones when connecting the FileHub to local Wi-Fi.

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


14:13
FileHub Plus
Settings
Browser

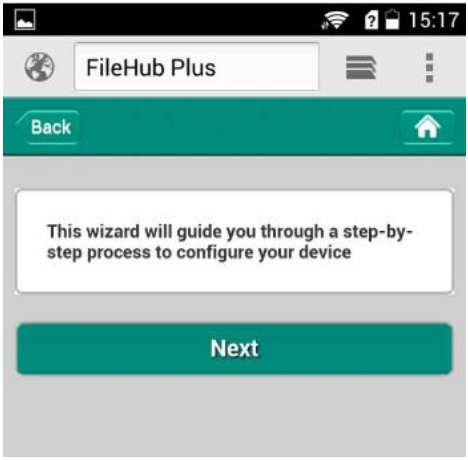

14:16
10.10.10.254
FileHub Plus
10.10.10.254
New ...

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

8. 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.

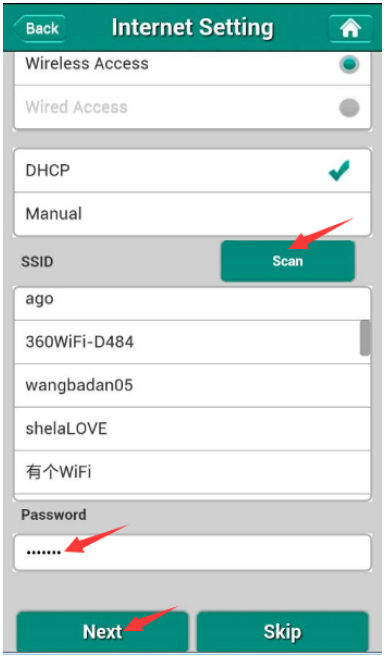


9. Click **Next** and set up the Internet connection on this page.

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

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

Wi-Fi and enter the password.

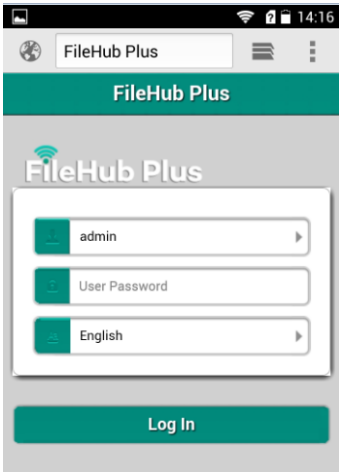


11. Click **Next**, then you can change the default FileHub Wi-Fi SSID and password to what you want.

To get more information about the Wi-Fi & LAN settings, please click

76

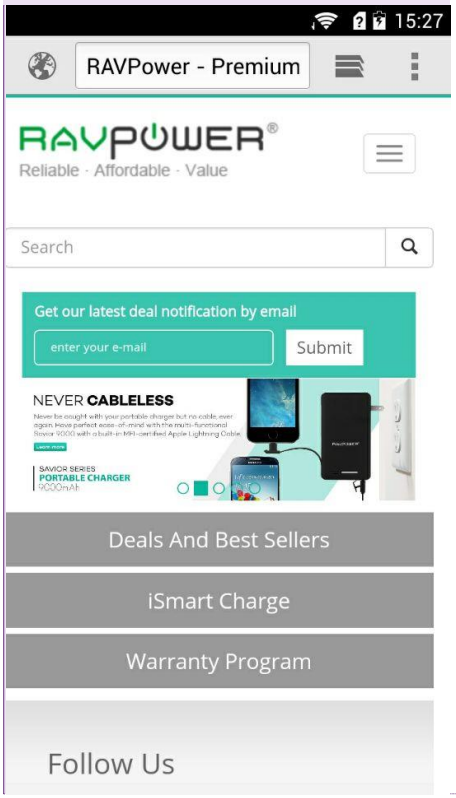
12. Click **Next** and then you can change the password of the admin account.



13. 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



批注 [t1]: Note to Paul: use a photo of the RAVPower website instead of a news website.

More FileHub Features

Wireless Sharing

You can create your own wireless personal media sharing center.

Download the "FileHub Plus" 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-WD03 supports a USB hub with up to 4 USB devices (2 hard disks max)

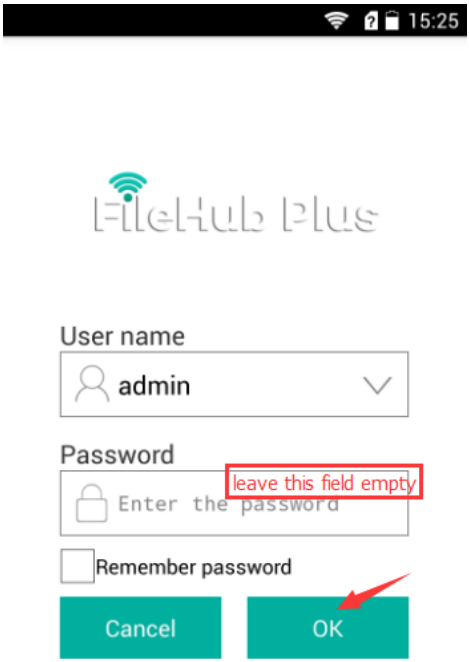
2. Download the app **FileHub Plus** from Google Play to your Android

phone.

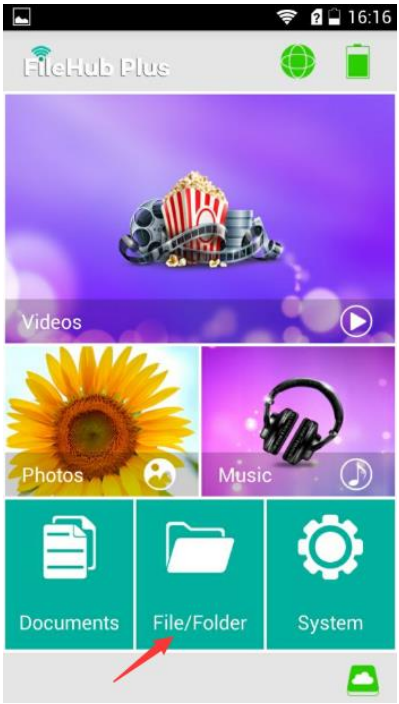
3. Connect your phone to the FileHub wirelessly.
4. Run the **FileHub Plus** app.

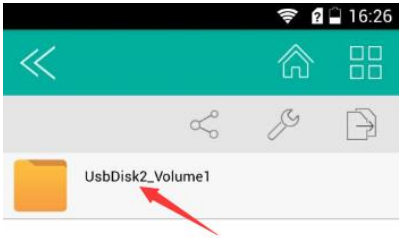
Also you can access the USB storage via the admin web end 10.10.10.254 (58). To get full use of wireless sharing, please download the **FileHub Plus** app.

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 to the admin configuration page 10.10.10.254).

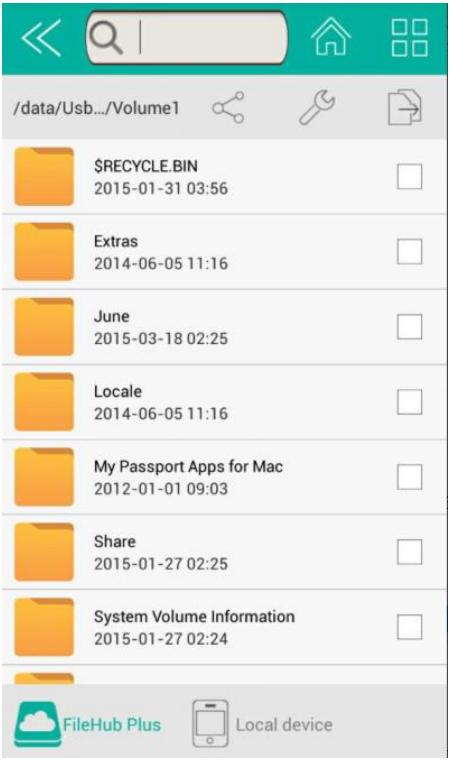


6. Tap on **File/Folder,** and select **FileHub Plus.** All of the contents can be found under the main folder **UsbDisk2_Volume1**.

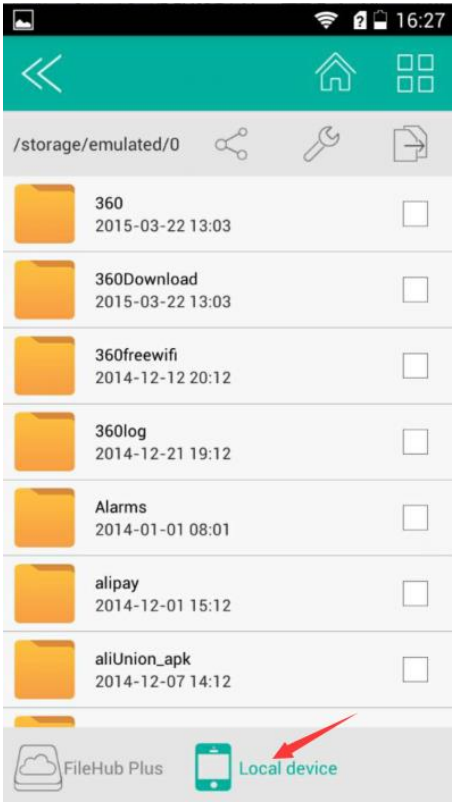



16:26
UsbDisk2_Volume1


FileHub Plus
Local device



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


16:27
/storage/emulated/0
360
2015-03-22 13:03
360Download
2015-03-22 13:03
360freewifi
2014-12-12 20:12
360log
2014-12-21 19:12
Alarms
2014-01-01 08:01
alipay
2014-12-01 15:12
aliUnion_apk
2014-12-07 14:12
FileHub Plus
Local device

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, 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.

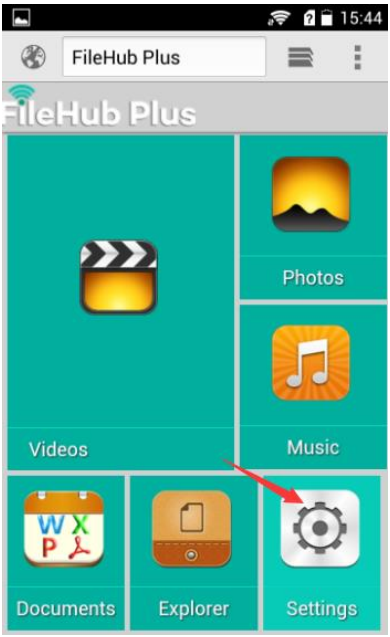
No need to change any parameters once it becomes an Access Point.

Router Mode

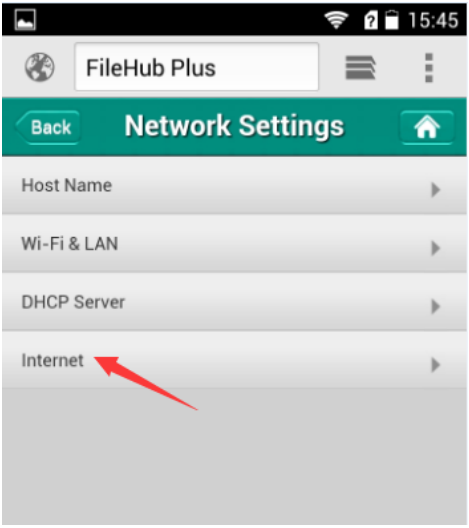
The FileHub connects to a DSL or cable modem and turns it into a regular wireless router.

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.**


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

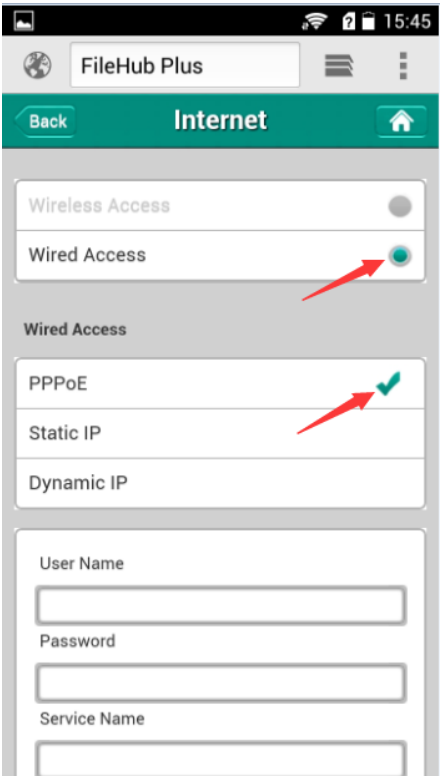
6. Select **Internet**, choose **Wired Access**.

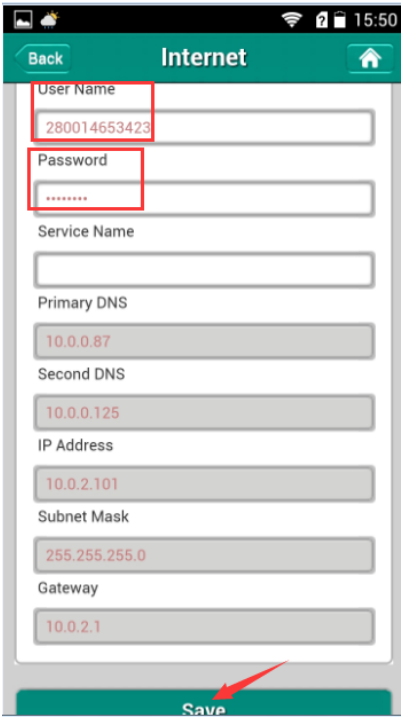


The FileHub provides Dynamic IP, Static IP and PPPoE for router setup. Please consult with the network administrator or refer to the wired network user documentation for best selection.

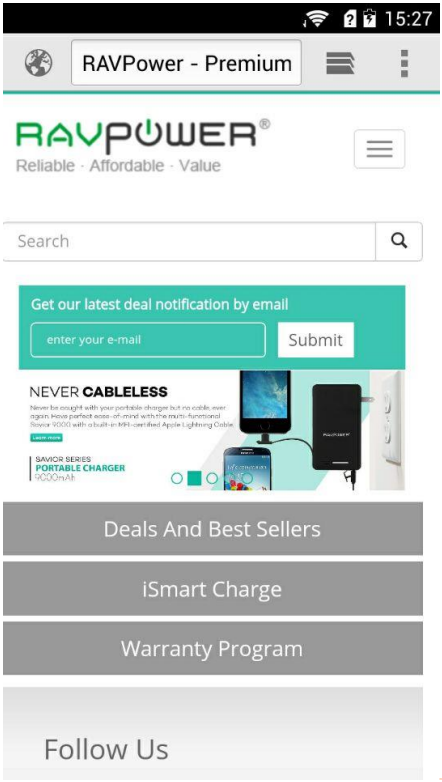
If using **DSL** Internet, please enter the **PPPoE** username and password and click **Save.**

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.



批注 [p2]: Note to Paul: use a photo of the RAVPower website instead of a news website.

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.**

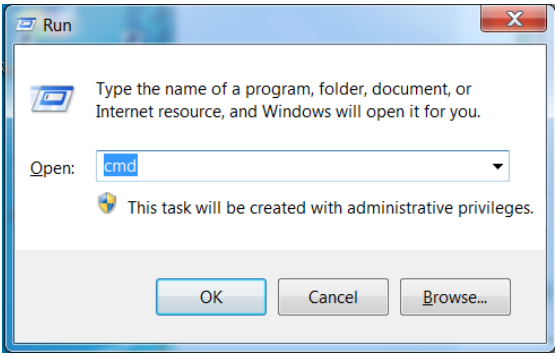
The FileHub will now connect to the Internet.

Tips

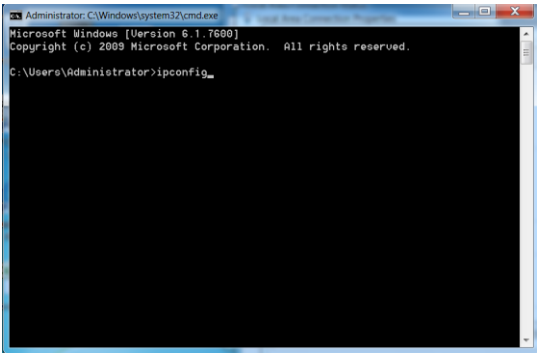
When connecting devices with a network cable, please make sure the cable is connected securely. Loose cables are one of the most common reasons for network setup problems.

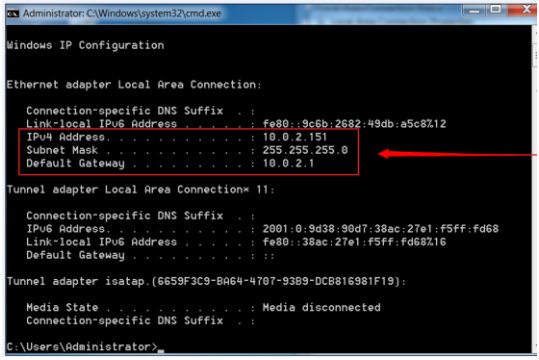
If a wired network type cannot be chosen, an alternative method is available to set up the router mode:

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:

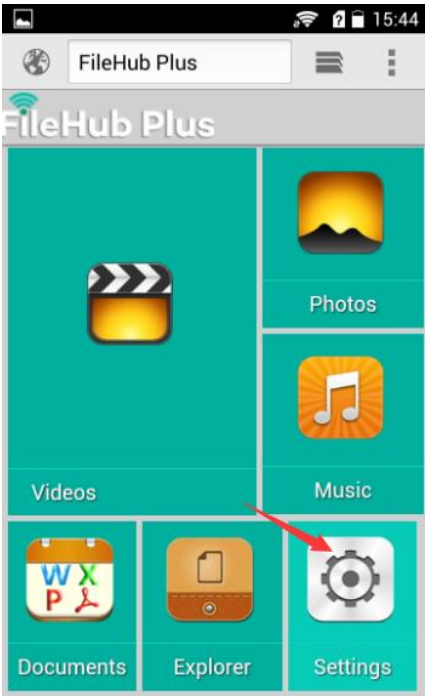
There are two configuration modes:

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

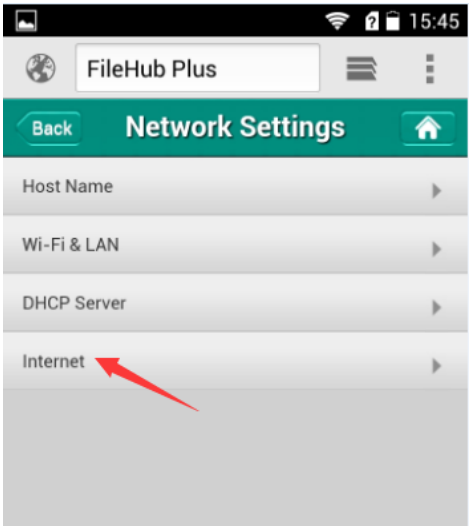
Configuration #1:

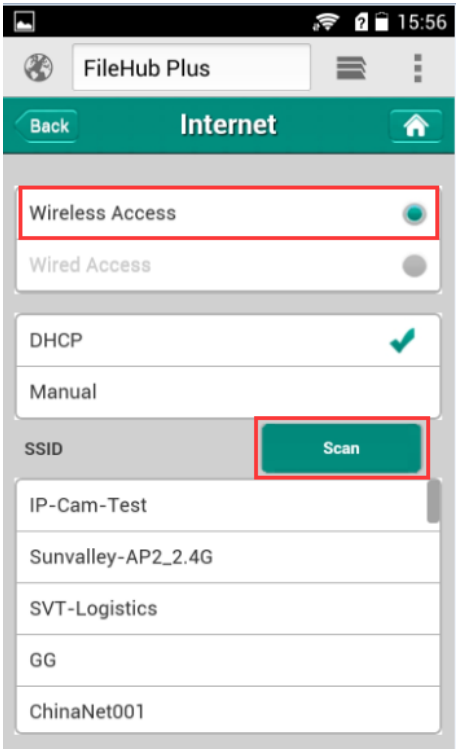
Example: Android

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.

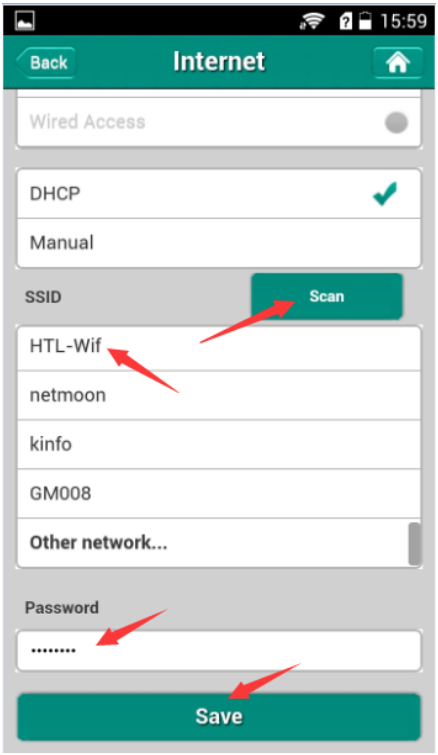

15:44
FileHub Plus
FileHub Plus
Photos
Videos
Music
Documents
Explorer
Settings


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

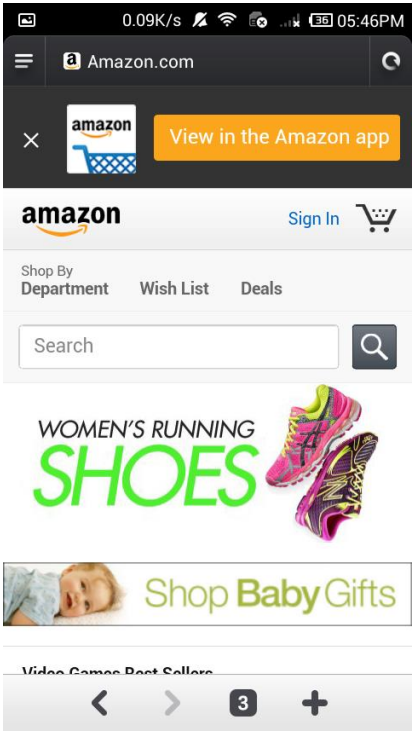

15:45
FileHub Plus
Back
Network Settings
Host Name
Wi-Fi & LAN
DHCP Server
Internet



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



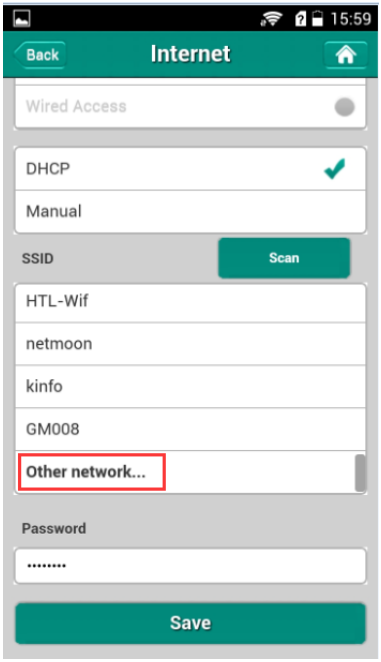
The FileHub will now connect to the Internet.



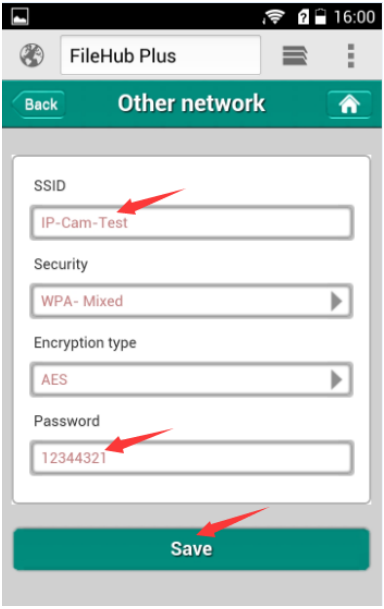
FileHub can store the connected Wi-Fi.

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

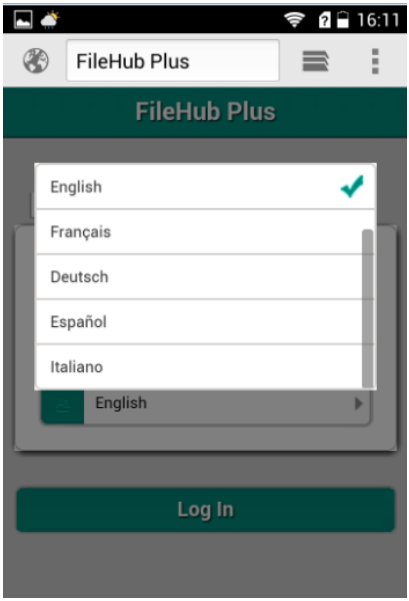
The FileHub will now connect to the Internet.

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

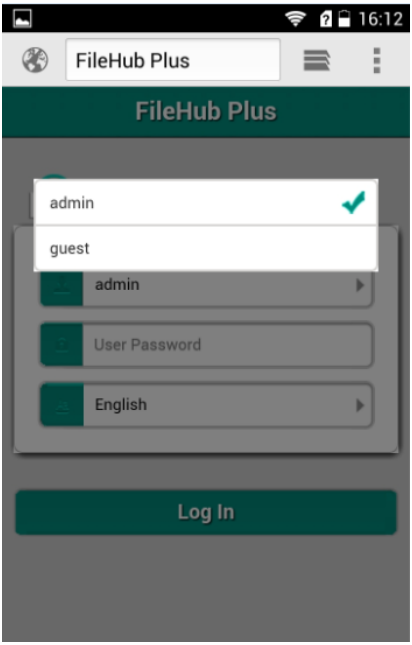
System Tools

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

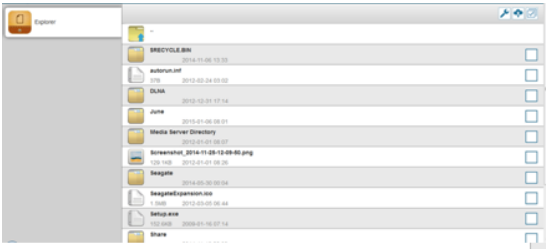
Main Page

Videos/Photos/Music/Documents show the contents of the **DLNA** folder89

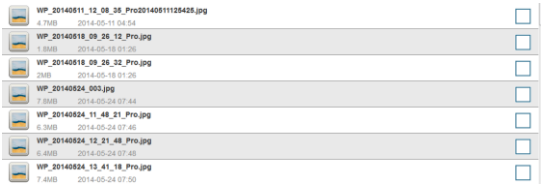
Explorer

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

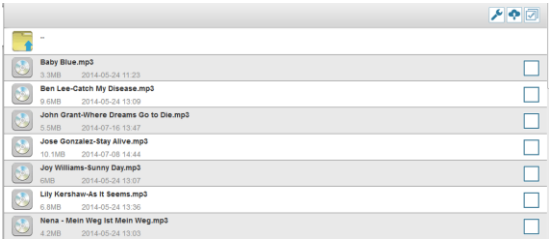
Example: Windows 7/Firefox



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

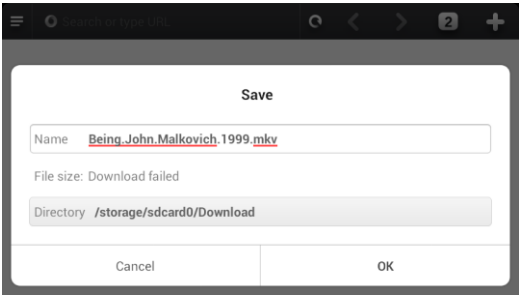
Watch videos:

批注 [t3]: Have changed the picture without Chineses character

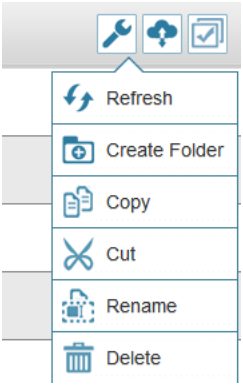
Videos will be downloaded to your computer then open in the player you select. If you open videos on your phone or tablet, the supported formats of your phones/tablets can be opened directly.

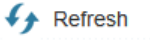
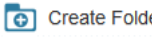
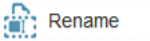
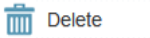
批注 [t4]: Why does this screenshot show Chinese characters?
To Paul: I have changed the picture

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:



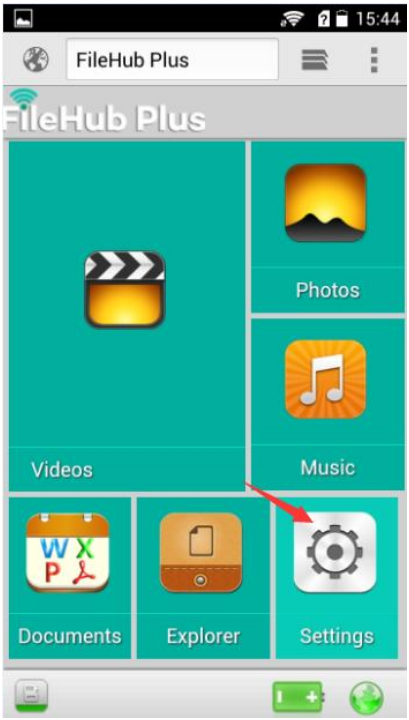
	To refresh the display
	To create new folders on your external USB storage device
	To copy files and paste them into another folder
	To move files and paste them into another folder
	To rename files or folders
	To delete files
	To upload the files in your PC/Laptop to the USB external storage device
	To select all the files below
	Up one level
	Stream this to your DLNA devices that are

	wirelessly connected to your FileHub

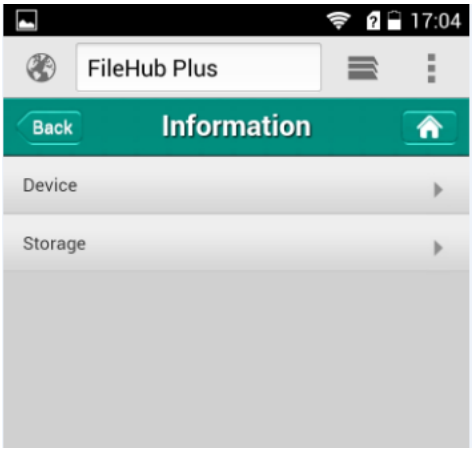
Information

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

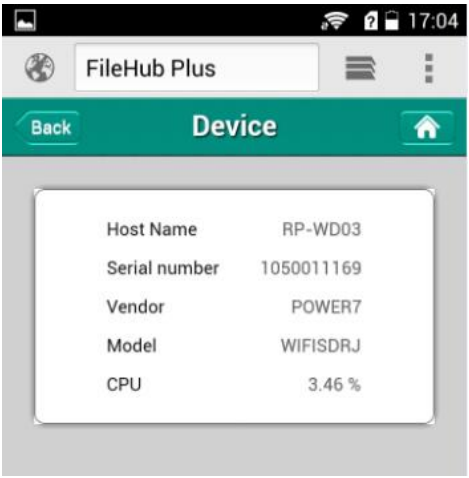
Login 10.10.10.254 →**Settings**→ **Information**


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


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

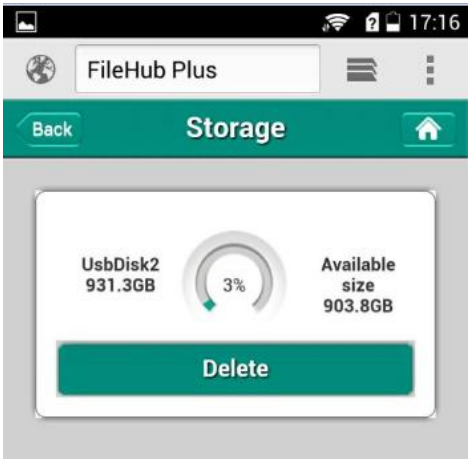


Click **Device** to view the FileHub information.



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.

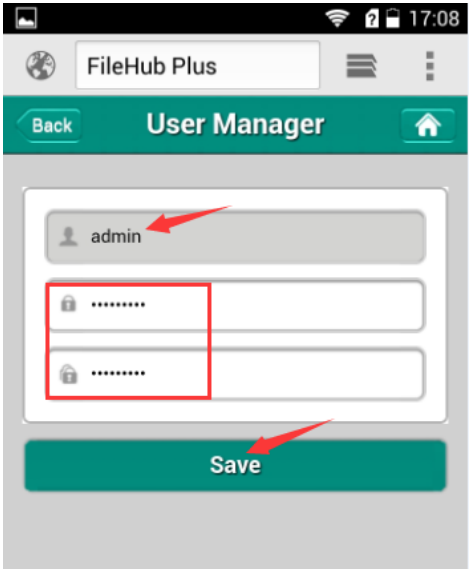
User Settings

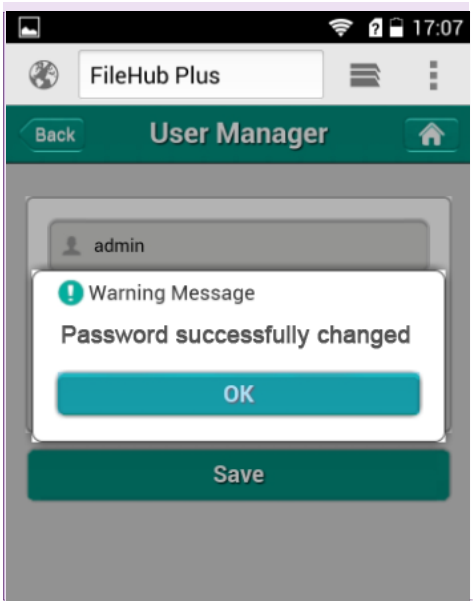
Login 10.10.10.254, **Settings →User Manager**

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

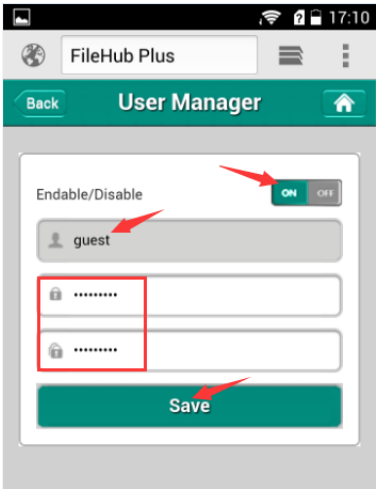




批注 [t5]: To Paul: I have changed the picture

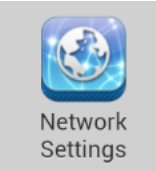
Guest

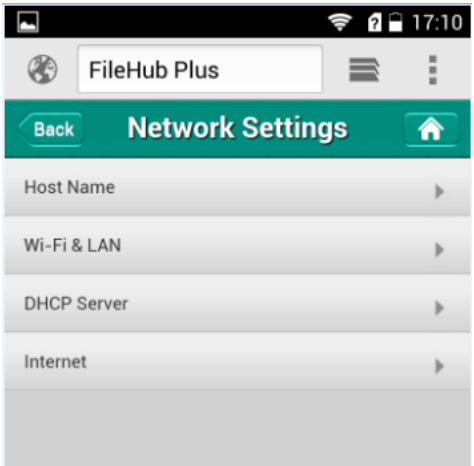
Click **guest,** then click  to enable or disable the guest account. You can also set the password of the guest account here.



Network Settings

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

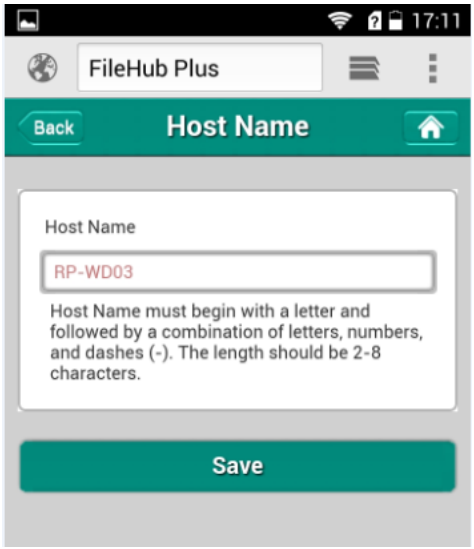




Host Name

FileHub host name can be changed here:
Select **Host Name,** enter the new host name**,** click **Save**

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**

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

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


17:14
WLAN
IP-Cam-Test
Connected
8024
Secured with WPA/WPA2
ChinaNet001
Secured with WPA/WPA2 (protected network available)
Sunvalley-AP2_2.4G
Secured with WPA2
Sunvalley-AP1_2.4G
Secured with WPA2

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.

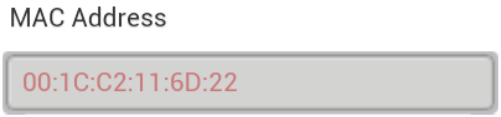
Go back to the WiFi setting on the phone. The phone fails to connect to

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

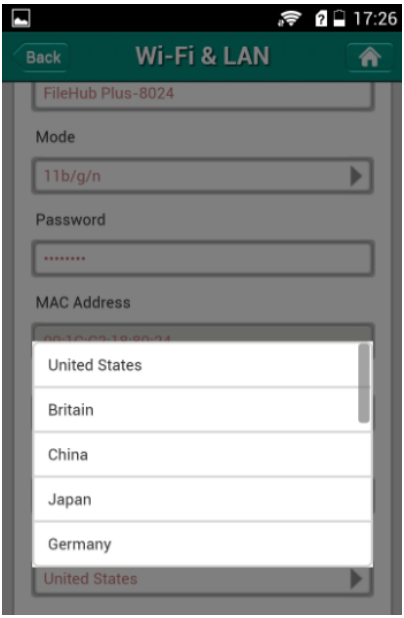
This is the **Mac address** of FileHub **LAN** itself. If your home router has a Mac filtering, please add the FileHub MAC address to the white list of your router. Or your FileHub will reject to connect to your home router.

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 

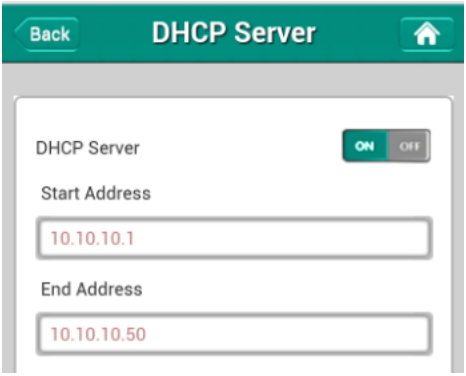
you may hide/unhide the SSID.If you hide the SSID, others cannot search your FileHub.

✎ 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

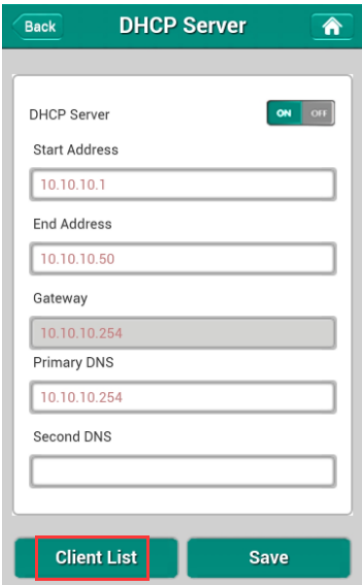
Click 

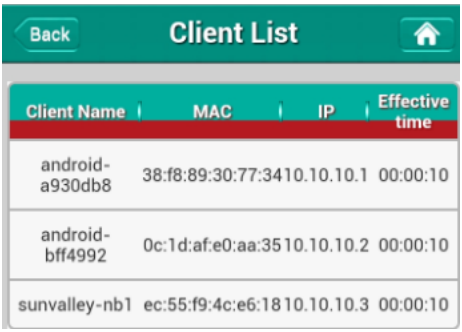
you may enable/disable the DHCP server.



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.

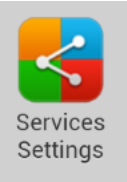
Towards the bottom of this page, you may view the **clients** connecting to your FileHub.

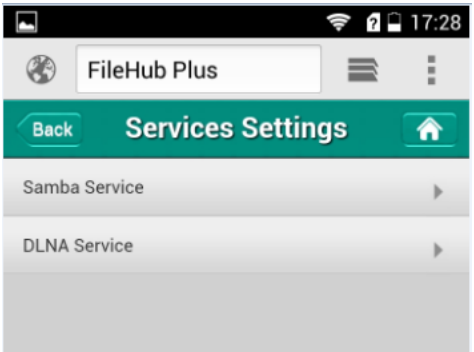

Back
DHCP Server
DHCP Server
ON
OFF
Start Address
10.10.10.1
End Address
10.10.10.50
Gateway
10.10.10.254
Primary DNS
10.10.10.254
Second DNS
Client List
Save


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

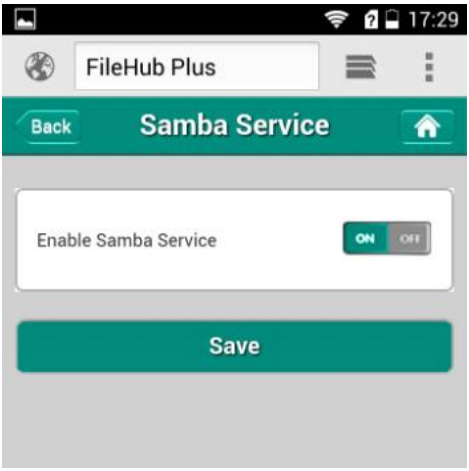
Click 10.10.10.254 → **Settings** → **Service Settings**





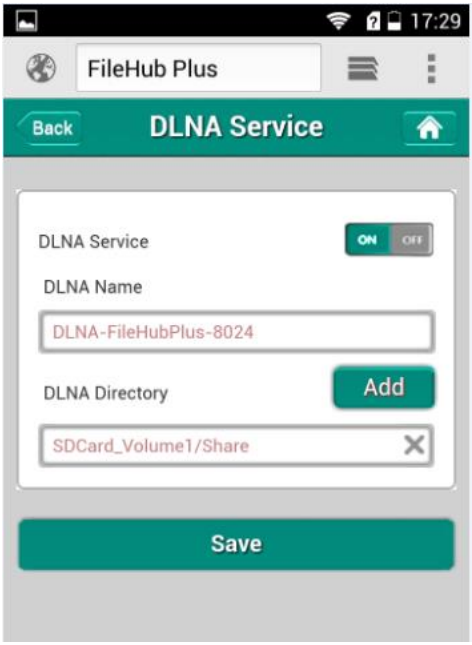
Samba Service

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):

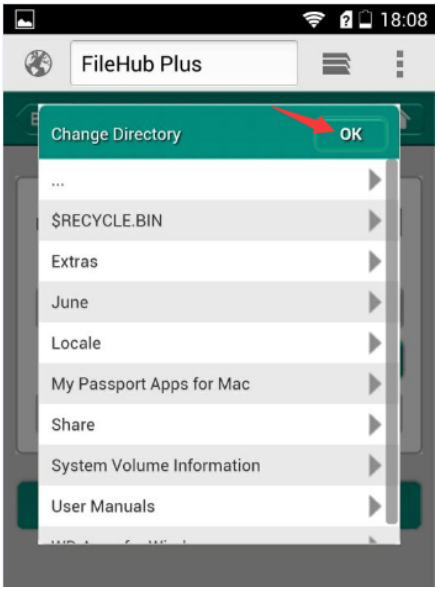


The default name: DLNA-FileHub-XXXX
Default directory: WiFiDisk1_Volume1/Media Directory Server

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

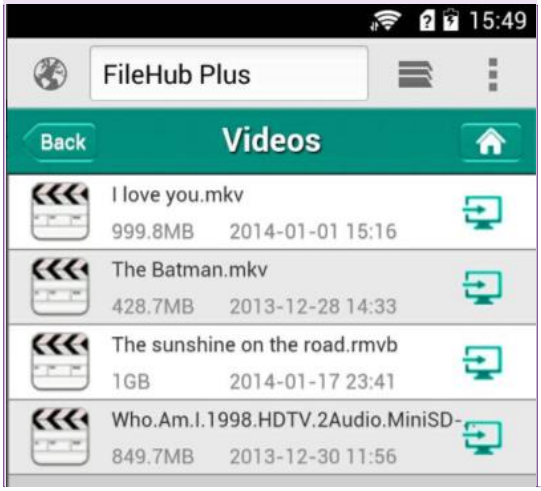
Switch **DLAN Service** to ON, then click **Add.**

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.

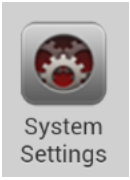

15:44
FileHub Plus
FileHub Plus
Photos
Videos
Music
Documents
Explorer
Settings

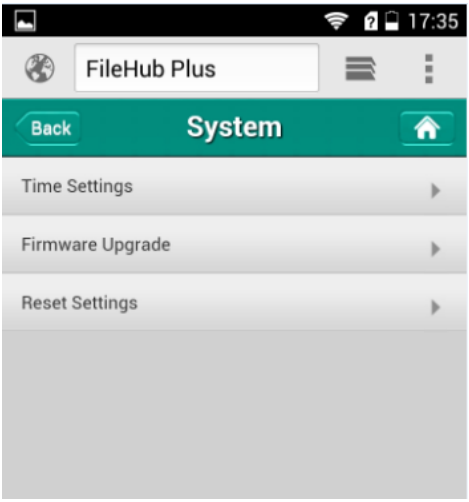


批注 [t6]: To Paul: I have changed the picture to the one without Chinese characters

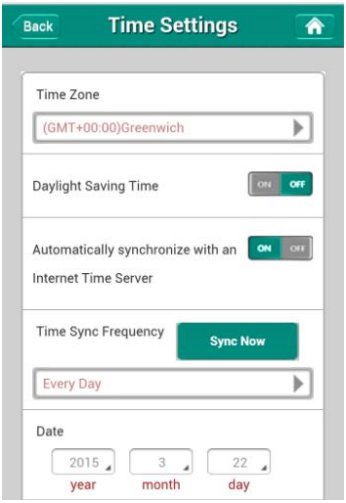
System Settings

Login 10.10.10.254, click **System Settings**



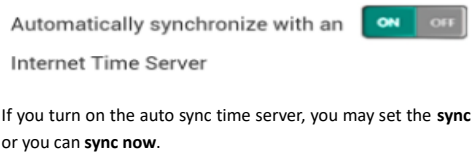


Time Settings

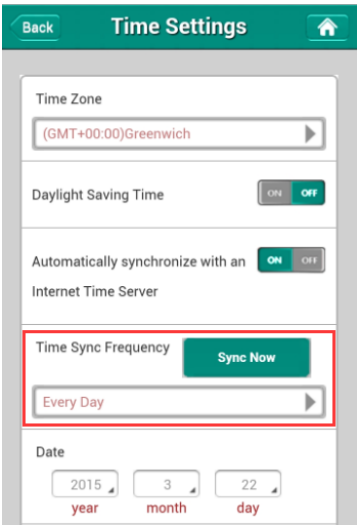


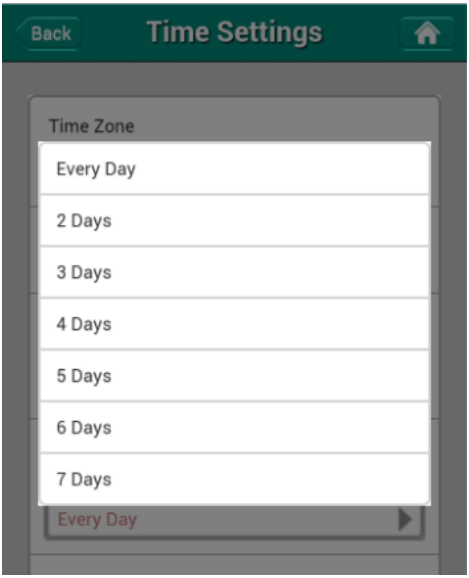
Time Zone

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

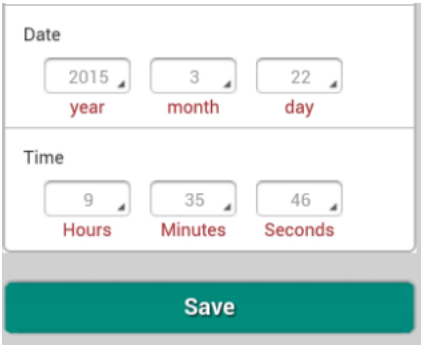


If you turn on the auto sync time server, you may set the **sync frequency** or you can **sync now**.



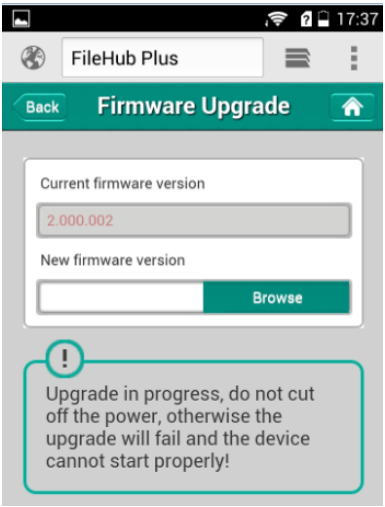


And here you can manually set the time for the FileHub.


Date
2015
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.

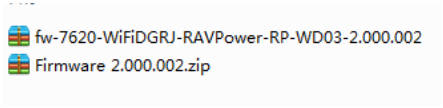


From here you can upgrade the firmware.

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

2. Unzip it.

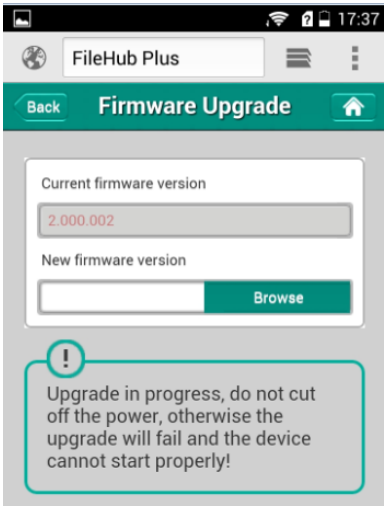


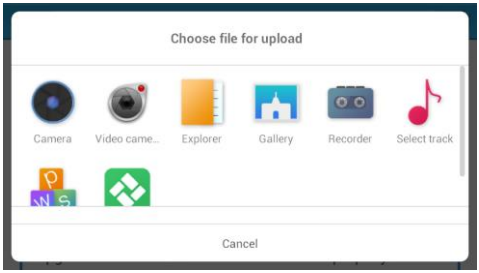
3. Insert a USB storage device into your FileHub (e.g an external hard drive or a USB flash drive).

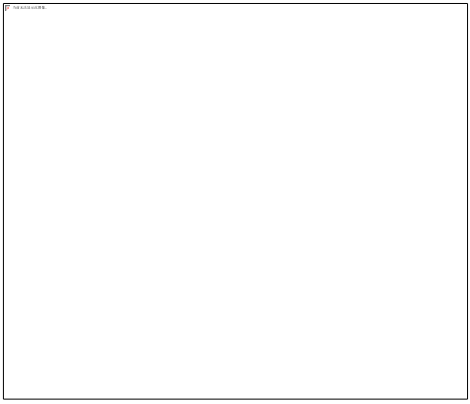
4. Connect to the FileHub via wireless.

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:

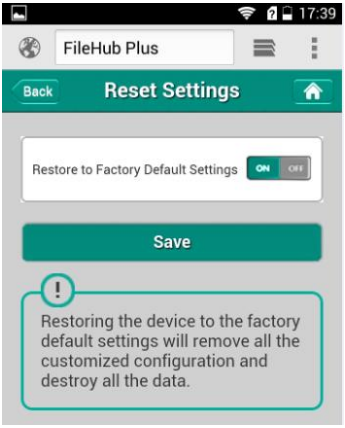
1. Hard Reset:

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.



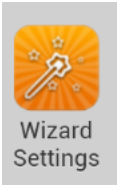
Please ensure your FileHub has at least 50% power left (2 blue LED lights) before resetting

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-WD03 has an internal 6000 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	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)
Wi-Fi	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 : 1 LED: 0-25% 2 LEDs: 26-50% 3 LEDs: 51-75%

		4 LEDs: 76-100%
	WiFi LED/WLAN (Blue/Green)	WiFi LED shows the system initiating state: Blue LED flashing: Kernel loading in progress. Blue LED stops flashing: System initiation complete. Green LED：Internet successfully connected.
	Power Button	1. Power on/off button (3 second long press). 2. Percentage of remaining power button (short press).
	Reset Button	Factory default reset button.
	USB Device Interface	Micro USB 2.0 for charging the internal

		battery, up to 1.6A current.
	USB Host Interface	When switched on, you can connect to a USB storage device via the Wi-Fi. Can charge your mobile device (iPhone and other smartphones) with up to 1A current.
	WAN Port	RJ45 100Mbit/s
Battery	Capacity	6000 mAh 2x18650 battery
	Charging Current	1A
	Discharge Current	1A
	Over Current Protection	Up to 1A by CMOS PWM
Environmental Requirements	• 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 Dimensions	96mm L x 44mm W x 44mm H	
Emission (EMI), Safety & Other	• FCC Class B • CE	

Certifications	

Software Specifications

System Settings	Language Selection	To select your native languages.
	Firmware Upgrade	To upgrade firmware by web browser.
	Configuration Setting	To backup and retrieve system configuration settings.
	Restore Default Factory Settings	To restore default factory system settings originating in factory production.
File System	NTFS	A) Support Microsoft Windows NTFS file systems. B) Application tools: • Tuxera NTFS tool for mounting file system • NTFS file system inspection and repair tools
	FAT16/FAT32	A) Support Microsoft Windows FAT16/FAT32 file system. B) Application tools: FAT file system inspection and repair tools.

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 supports 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 • WPA2 • WPA&WPA2 B) WEB access control

		• Password login C) Samba access control • Password login Default security: A) Authentication needed with password 11111111 B) No authentication C) No authentication
USB Storage Management	Storage display	
	Storage partition size and remaining space display	
Network Management	WAN Side Setting	A) Static IP B) Dynamic IP
	LAN Side Setting	A) ATOMIC100 IP setting B) Subnet mask setting C) DHCP server setting D) Default gateway setting E) Default DNS setting
	Wi-Fi Setting	A) Wi-Fi mode settings B) Wi-Fi basic settings C) Wi-Fi security settings
Application Software	Client	A) Windows XP/2003/Vista/7/8, Linux, Unix, Mac® B) Android: tablet, Smartphone C) iOS: iPhone®
File Formats	Android Client	***A)*** Audio: ***MP3, AAC, m4a, wav, and aiff***

		B) Video: ***MP4, MOV, M4V, and AVI*** ***C)*** Photo: ***jpg, tiff, bmp, and gif (image)*** D) Document: ***Keynote, Numbers, Page, Excel Word, PPT, PDF, and txt***
	iOS Client	A) Audio: ***MP3*** B) Video: **MP4** C) Photo: ***jpg & png*** D) Document: ***txt, Word, Excel, PPT, and PDF*** ***Note:*** Other file format support is based on the android product OS performance.

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.

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