WiFi Stash

for iPad/iPhone /PC/Android

Power Bank
Portable Wireless Card Reader

User Manual

Generation

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Introduction

WiFi Stash is a portable wireless flash drive to stream media to other devices. It stores your files, documents, movies, music, photos and shares them with your computer, phone, media player, netbook wirelessly. WiFi Stash can be used with any Apple series, PC, Android, etc and it enables you to have additional storage space on the devices. With apple authentication supporting software,WiFi Stash file management has never been easier, and you can store and stream videos/files from your pocket, WiFi Stash build-in a 2000mAh battery which can be used as Power Bank for smart phone.

Features

- Easy wireless access to your files from SD/MMC/TF/M2 and usb flash driver.
- Charge for smart phone as a Power Bank.
- A special card reader for Apple series. It can help Apple products read/review Microsoft office files.
- A wireless storage for your files, movies, photos, documents like a server and it enables you to share them with your Apple or other devices in a safe way.
- A HTML 5 requires no software or app installation when surf or stream media files through your web browser.No internet access require ($0 per month).

- A user-friendly device for everyone. The use of WiFi Stash is as simple as the use of USB drive or a web browser. Just input "WD", and then you can reach all the stored information in the card.
- Stream videos more than 10 devices simultaneously.
- Wirelessly share presentations with more than 20 people simultaneously.
- The build-in lithium battery lasts over 10 hours.

Specifications

- Wireless operation:Web browser WiFi b/g/n capable device Optimized experience for iPhone, iPod touch, and iPad via HTML5 No internet connection required.
- USB operation:Compatible with most operating systems that support USB Mass Storage Class (thumb drives) .
- Support storage medium : SD/SD(HC)/MMC/TF/M2 memory and usb flash driver.
- Built-in rechargeable 2000mAh lithium polymer battery (non-replaceable).Charging Micro USB cable connector to computer or powered hub.
- Viewable Document Types:
  iPhone, iPod touch, and iPad:
  .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages);.key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel)
  Other platforms:
  All browser supported media files (non-DRM)

- Audio:
  iPhone, iPod touch, and iPad:
  AAC, MP3, MP3 VBR, Apple Lossless, AIFF, and WAV .
  Other platforms: non-DRM browser supported media files.
- Video:
  iPhone, iPod touch, and iPad:
  H.264 video, up to 1.5 Mbps, 640 by 480 pixels, 30 frames per second, Low-Complexity version of the H.264 Baseline Profile with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats;
  H.264 video, up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Baseline Profile up to Level 3.0 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats;
  MPEG-4 video, up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats.

Diagram

1. Diagram

1. Power button
2. WiFi signal indicator light
3. Battery indicator light → When the battery low,the indicator light will flash
4. USB indicator light → Bright means USB enable,else disable
5. Battery charging indicator light
6. Reset button → Press 10s for reset to factory default settings

7. USB port → Connect USB flash dirve or USB cable for charging smart phone
8. SD/MMC Slot
9. TF/M2 Slot
10. Micro USB port → Connect Micro USB Cable to charge the battery

2. Application Diagram

Application

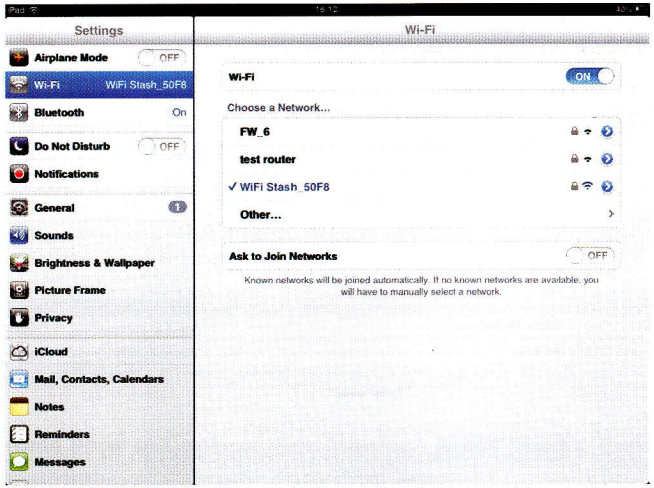
1. Function and Configuration of WiFi Stash.

WiFi Stash can be accessed and configured through web browser. We can log in to the WiFi Stash through common IE of Microsoft, Safari of Apple Inc and built-in browser of Android operating system, to browse the contents of movable storage device and parameters of the routers. Below is the introduction of its operation.

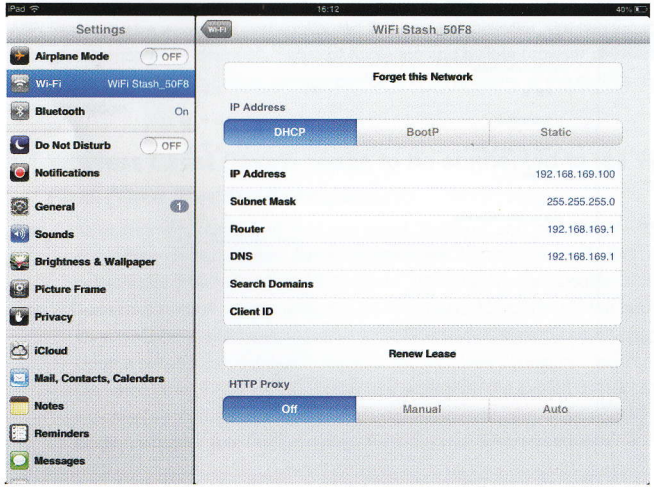
1.1 Wireless Client Device needs to be connected to the Wireless Router First (Take iPad for Example)

Step 1: Open the main interface of iPad and select "Settings" and then "WLAN" to enter the Wi-Fi settings page. Turn on the wireless switch. The iPad will then automatically scan the surrounding wireless network. Find WiFi Stash of SSID named "WiFi Stash xxxx". Double click for connection.

Step 2: During connection, please enter the Wi-Fi password according to the back of the WiFi Stash shell for connection,default password is "12345678"(the password can be changed).
Upon a successful connection, a small tick "✓ " will appear on the left of WiFi Stash's name. At the same time, a sign icon"iPad " will appear on the top left corner of the screen, which indicates successful connection. If prompt is given that the network can not be joined, please confirm whether your wireless password has been entered correctly.

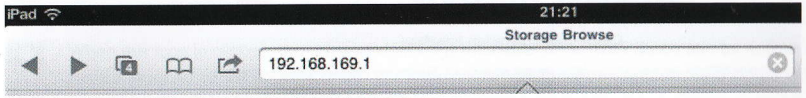


Step 3: View and set network parameters. Click the ">" button on the right of connected WiFi Stash. Then, the parameter setting page of wireless network pops up (the starts the DHCP server by defaults and recommends the use of DHCP).

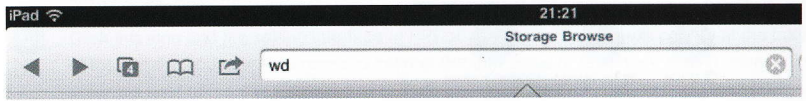


1.2 Enter the Configuration Interface of WiFi Stash

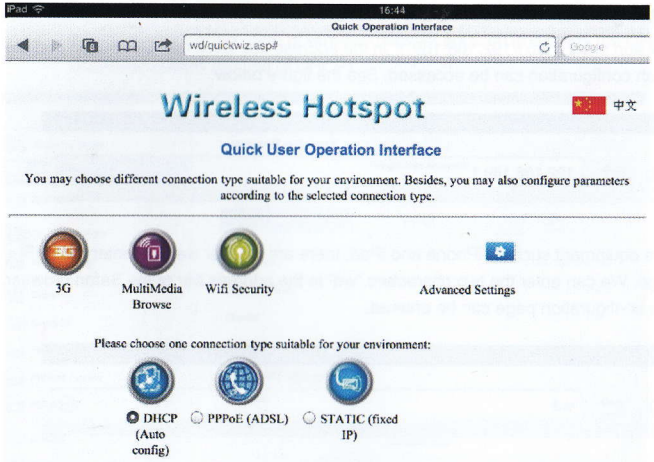
Click the Safari browser and enter "http://192.168.169.1" in the address bar. Click the "Go" button and the home page of WiFi Stash configuration can be accessed. See the figure below:



Besides, for users of ios equipment such as iPhone and iPad, there are quicker ways to enter the WiFi Stash configuration page. We can enter the two characters "wd" in the address bar of the Safari browser. Then click "Go" and the configuration page can be entered.



1.3 Home Page of Configuration Interface of WiFi Stash: Function Description of Common Operating Interface



The first row of icons:

: When this icon is clicked, the configuration page of 3G can be entered.

: When this icon is clicked, multimedia files stored in the movable storage devices can be browsed and played.

: When this icon is clicked, the security settings interface of wifi can be entered to finish the change of wifi password.

: When this icon is clicked, the advanced settings interface of the WiFi Stash can be entered to realize more functions settings of the WiFi Stash such as firmware upgrades and status view.

The second rows of icons:

: Click this icon and the setting interface of dynamic IP networking will pop up at the bottom of the page. If you now get access to internet through cable (such method is often used in hotels) and the IP address is assigned by the WiFi Stash at the upper level, please click "Ok" to finish the settings. Otherwise, click "Cancel".

: Click this icon and the setting interface of PPPoE dial-up networking will pop up at the bottom of the page. If you now get access to internet through cable or telephone dialing, please first enter the user name and password of PPPoE dial-up. Then click "OK" to finish the settings. Otherwise, click "Cancel".

: Click this icon and the setting interface of static IP networking will pop up at the bottom of the page. If you now get access to internet through cable and the IP address is assigned manually, please enter the IP address, mask code, gateway and address of DNS domain name respectively into each column. Then click "Ok" to finish the settings. Otherwise, click "Cancel".

1.4 Change of Wi-Fi Password

The wifi password of factory setting of WiFi Stash is simple. Remember to change the password of wifi during first use of this product to ensure the security of the data,because the initial password is simple.

- Method:

  Click the "Wifi security" icon to enter the wifi security settings page.

Wireless Security/Encryption Settings

Setup the wireless security and encryption to prevent from unauthorized access and monitoring.

"3GWi-Fi_4674"	
Security Mode	WPAPSKWPA2PSK

WPA	
WPA Algorithms	○TKIP ○AES ●TKIPAES
Pass Phrase	12345678
Key Renewal Interval	3600 seconds (0 ~ 4194303)

Apply Cancel

- Prompt:

a) In order to ensure your wireless network will not be accessed by unauthorized person, it is suggested that wireless encryption be set. The recommended encryption method is WPA-PSK/WPA2-PSK.

b) After wireless network SSID and encryption settings, please reconnect the WiFi Stash. The Wifi password is the newly set one.

1.5 Setting of Wired Broad Band Network Parameters

- Under the wired to WiFi mode, WiFi Stash is equal to a router and the Ethernet interface serves as the WAN interface. All the wireless terminals can only be connected to the router through WIFI.
- Click "Network Settings" and then "WAN". Determine the networking ways according to the broadband line at the front end. The router supports three common kinds of wired networking modes, i.e. static IP, dynamic IP and PPPoE.

a) Static IP

If the internet accessing method offered by the network provider is static IP, you need enter the IP address, subnet mask, gateway, as well as IP address of the primary DNS server and the IP address of the secondary DNS server.

Static Mode	
IP Address	
Subnet Mask	
Default Gateway	
Primary DNS Server	
Secondary DNS Server	

Apply Cancel

b) Dynamic IP

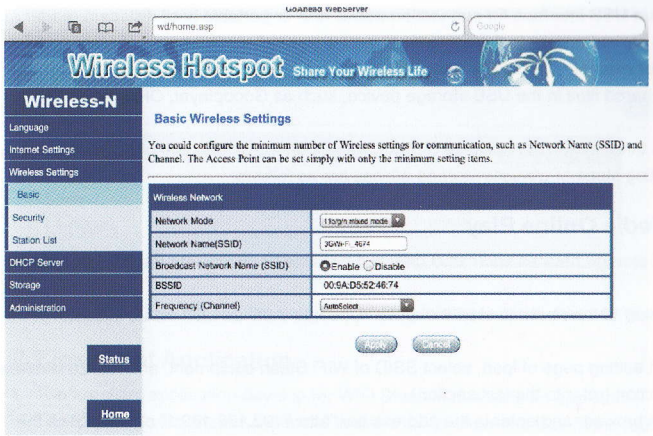
If the internet accessing method offered by the network provider is dynamic IP, you do not need to set anything. Just click "Ok". Dynamic IP is common networking method adopted by public places such as guesthouses and hotels.

DHCP Mode	
IP Address	
Subnet Mask	
Default Gateway	
Primary DNS Server	
Secondary DNS Server	
Hostname (optional)	

Apply Cancel

1.6 Basic Setting of wifi Wireless Network

Click the menu bar on the left, "Wireless Network Setting", and then "Basic Setting". You can then perform basic wireless network setting such as network model, SSID and wireless channel.



2. Wireless Network Storage Function: How Terminal Equipment Including iPad Access U Disk or Portable Hard Disk

- WiFi Stash provides a USB interface for connection with U disk or portable hard disk/card reader as well as supports the shared access to the contents of such storage devices through wireless methods. Take iOS platform for example, third-party streaming media software can be used to play, upgrade and download the shared files in the USB storage device, such as Goodplayer, OPlayerHD, TIOD and Aceplayer.
- The router provides three methods to access U disk, portable hard disk and other kinds of storage devices. The operating steps of wireless storage access are as follows:

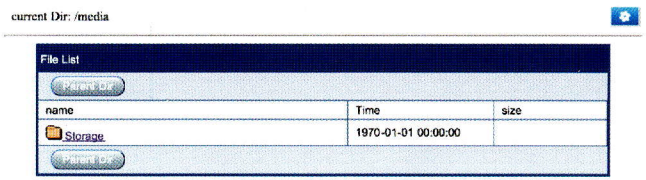
2.1 Streaming Media Online Play

Step 1: Insert the USB storage devices such as U disk and portable hard disk into the USB interface of the router.

Step 2: Turn on the power of the router to start the router. Observe the blue LED status indicator of the router.

Step 3: Open the Wi-Fi setting page of ipad, select SSID of WiFi Stash equipment, and realize wireless network connection (refer to the last section).

Step 4: Click the Safari browser and enter in the address bar "http://192.168.169.1" or "wd". Click the "Go" button. Then click the icon "Multimedia Browse" and the browse page of file in the movable storage device of the router. Here you can get quick access to the files stored in the U disk or portable hard disk such as pictures, videos and music.



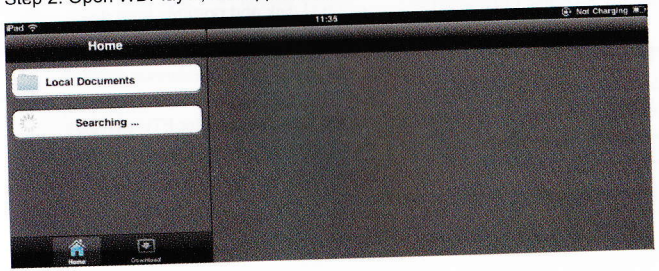
storage 1, storage 2, etc are the names of shared folders in the U disk and portable hard disk.

2.2 ios client Application

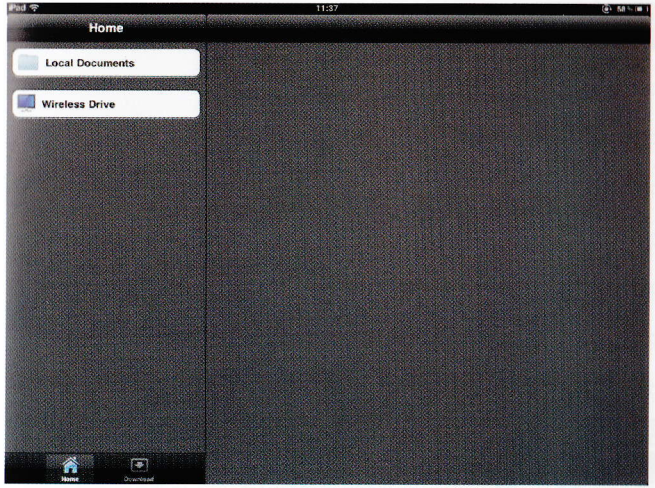
- The ios client application develop for WiFi Stash is available on app store.
- The following sections describe how to use iPad to share the files in the router FTP server.
- WDPlayer is not only a local media player, but also a combination of "video player, download manager and streaming media player".As long as the shared media files are transmitted to iOS equipment through Wi-Fi, they can be played immediately.

Step 1: Enter “App Store”, search “WDPlayer” program, as well as download and install it.

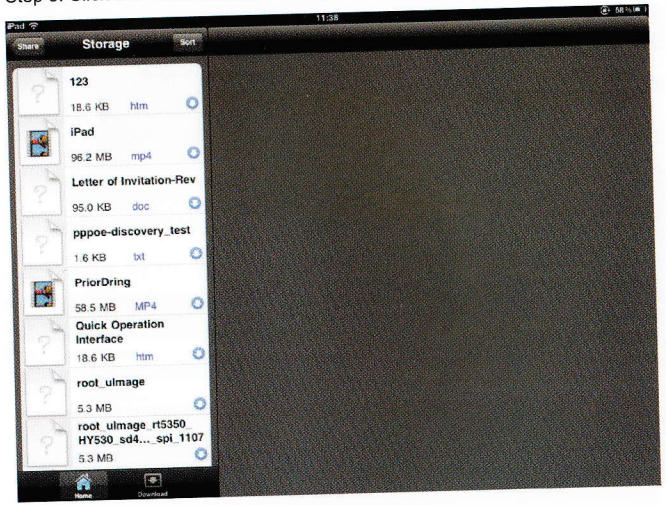
Step 2: Open WDPlayer, this application start to look for WiFi Stash device.



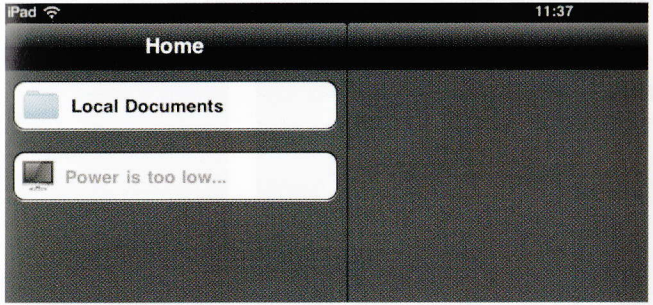
WDPlayer find the WiFi Stash device:



Step 3: Click the “Wireless Drive”blank, it will list the share content.



Prompt: If the WiFi Stash device enter the low battery capacity status (capacity less than 10%), the Application will disable wireless storage share function. See the figure below:



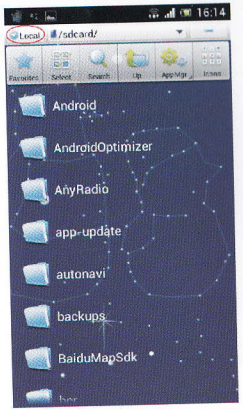
Pease insert the Micro-USB charge cable to this device, and charge it.

3. How Android Mobile Phone/Panel Accesses U Disk or Portable Hard Disk via Wifi

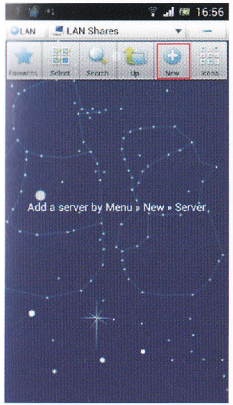
ES file explorer is a multifunctional file/program/process manager, which can be used to browse/manage files in mobile phone, computer, in the distance and Bluetooth .The following part introduces how the ES file explorer in the Android mobile phone accesses the shared files of LAN.

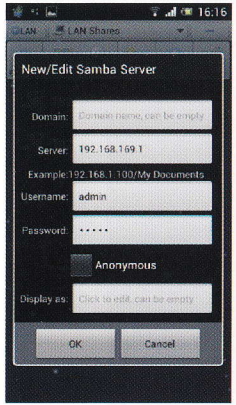
Step 1: Insert the storage devices such as U disk or portable hard disk into the corresponding interface of the router. Turn on the power of the wireless router.

Step 2: Open the ES file explorer and the detailed directories of mobile phone can be seen. Different actions can be performed on the directories and files such as “copy” and “Delete”. Switch to the second tag, i.e. share function.



Step 3: Click “Local”menu, then “New” and then “Sever” and input position. The IP address of the router is “192.168.169.1”. Enter use name and password (both of them are “admin” by default).

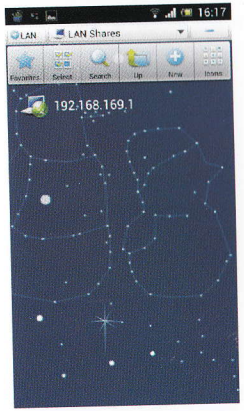


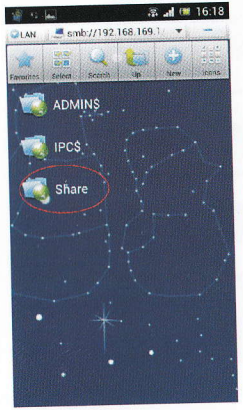


Prompt: Or directly click “Menu”, then “Create” and then “Scan”. Or search the shared folders in the LAN. Click to enter and then input the user name and password.

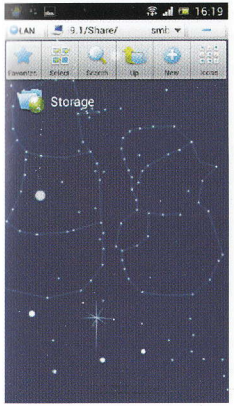
Step 4: After settings are finished, “192.168.169.1” can be found in the share list. Click it and “storage” , “storage 1”, “storage 2”, etc are displayed.

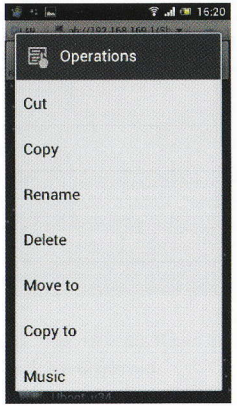
storage 1, storage 2, etc are the names of shared folders in the U disk or portable hard disk.





Step 5: Open “Share” and then “storage”, “storage 1”, “storage 2” etc, support the play of media (audio/video), support the opening of various texts/images, and support the view of zip files. Click a single file and actions such as “copy”, “delete” and “rename” can be performed on it.





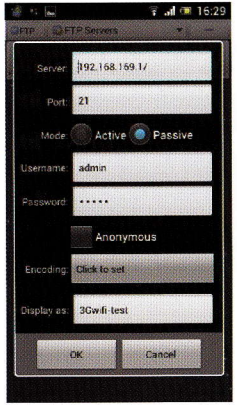
FTP server:

The following part introduces how the ES file explorer in the Android mobile phone accesses the shared files in the ftp server.

Step 1: Open the ES file explorer, switch to the third tag, i.e. remote function.

Step 2: Click "Local"menu, then "new" and then "FTP" and input position. The IP address of the router is "192.168.169.1"and the default port number is 21. Enter user name and password (both of them are "admin" by default).

Prompt: Parameters such as the server's FTP server port number and anonymous access permission can be changed by entering the WEB configuration interface of the router. Change them in the "Network Sharing" and then "FTP Server". Refer to the user manual for wireless router.

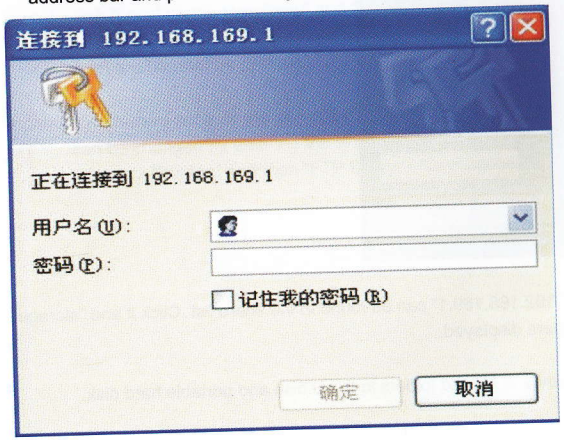


Step 3: After settings are finished, "192.168.169.1" can be found in the share list. Click it and "storage", "storage 1", "storage 2", etc are displayed.

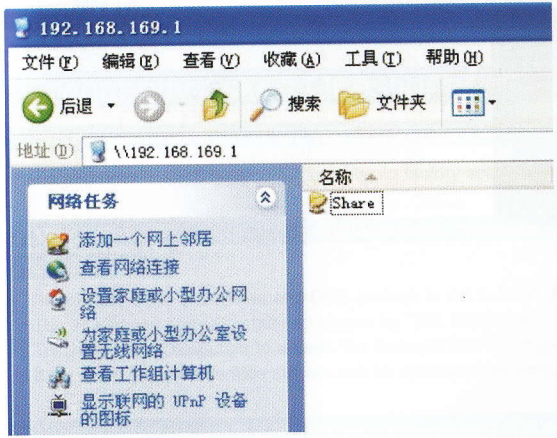
storage 1, storage 2, etc are the names of shared folders in the U disk and portable hard disk.

4. How Windows PC/Laptop Accesses U Disk or Portable Hard Disc via Wifi

- First, please confirm that your computer has been connected to the "WiFi Stash" wireless router through wireless network.
- Then, double click the icon "My Computer" on the computer desktop. Enter "\\192.168.169.1" in the address bar and press Enter key. You will see the following password hint interface.



- At this time, please enter user name and password (Note: both the user name and password are "admin" by default).
- After "Ok" is pressed, the contents to be shared will appear. See the figure below.



5. Power bank for Smart phone.

The WiFi Stash build-in a 2000mAh battery ,Can charge for smart phone by USB cable connecting the USB port.

Note:
When the WiFi Stash charge for other devices,the card reader will disable.

6. Restore factory settings.

If you forget the password or other issues,you can restore factory setting by press the"RESET" button on the side of product 10 second,then power on again.

Package content

- Main Product(WiFi Stash).
- User Manual.
- Micro USB Cable

Frequently Asked Questions

1. What should be done if the WIFI encryption key is forgotten?

Press and hold "Reset" to restore the router to factory settings. See Section 7 for details.

2. What should be done if the management interface of the router can not be accessed?

- Please see if the IP address and DNS address is set to be in the status of "automatic acquisition". The IP address normally obtained should be "192.168.169.X".
- Try using other computers to access the management interface of the router. If the management interface still can not be accessed, try restoring the router to factory settings.

3. What should be done if the laptop can not find the wireless signals after search?

- Please check if the internal Wi-Fi of laptop has been turned on (read the user manual for laptop carefully).

- Check, in the device manager of the computer, if the wireless LAN driver has been installed successfully and started.
- Check if the wireless service of the computer has been activated (if the status of "Wireless Zero Configuration" in the service options is set to be "started" and if the starting type is set to be "automatic").
- Try if wireless signals can be searched in a distance of 1m to 2m.
- Please use the wireless network cards of other computers to see if wireless signals can be searched. If wireless signals still cannot be searched, try restoring the router to factory settings.

4. How can Windows 7 and Ipad clear previous network configuration?

- Windows 7: Network and sharing center – Manage wireless network, select corresponding wireless network names, and delete them.
- Ipad: Setting – WLAN – corresponding wireless network name, Ignore such network options above the blue arrow on the right; click "Ignore".

5. How can the router software and hardware versions of the router be viewed?

Click the "Advanced Settings" button on the management interface to view them.