

WD03 User manual

Product: WiFi hotspot + Power bank

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1.1 Start using

1. Insert the SIM card, long press the Power key for 3 seconds, all of the indicator lights switch lights up, and waiting for the device to enter the standby mode.

2. Use other electronic devices to search the hot spot.

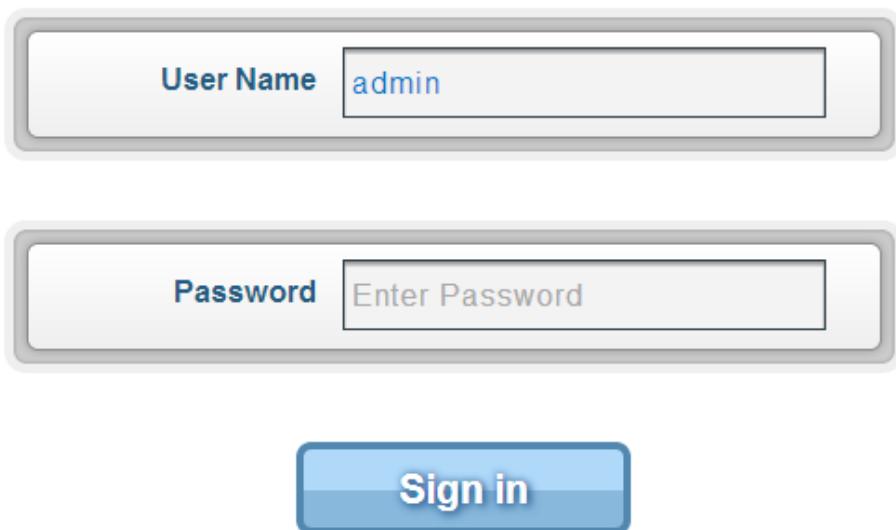
SSID Name: ALLDAYV10-ID (DATA TAB for ID) ;

Password: 12345678.

Input correct password, you can access the internet.

If the indicator light of Wi-Fi is not bright, you can long press the key of Wi-Fi for 3 seconds to open the Wi-Fi.

3. If you have connected to the hot spot, you can input <http://192.168.0.1> in browser and modify the items of WebUI.



Username: admin

Password: empty

4. Long pressing the Power key 3 seconds to power off the device.

1.2 Indicator light of the device and Key

There are four OLEDs in the device. From left to right: SMS, Battery, Wi-Fi, Signal. There are three keys on the device. From left to right: Power key, Wi-Fi key (WPS), Reset key.

1.2.1 Indicator light

Signal: Green light indicates that the signal intensity is normal and above; yellow light indicates that the signal intensity is weak; the indicator light is not bright.

Wi-Fi: Green light indicates that the Wi-Fi is turned on. Up to 5 wireless devices can connect to the internet.

Battery: Display the current battery level. Green light means the quantity of electricity is between 50% and 100%; the yellow light indicates that the quantity is between 50% and 10%, and the red light indicates the power of 10%. If charging, the green light flashes.

SMS: If the indicator light switch lights up, there are unread message in the inbox.

1.2.2 Key function

There are three keys in the device.

Button	Description
WPS/Wi-Fi	Short pressing it enables the WPS function; Pressing it for over 3 seconds turns on/off wireless radio.
Power	Short pressing it turns on/off the OLED screen; Pressing it for 4 seconds turns on/off your device.
Reset	Pressing it with a needle for 5 seconds initializes your device.
Micro SD Card Slot	The capability of the memory card is up to 32GB. You need to buy a Micro SD card by yourself if you need.

1.2.3 Status of a dormant state

The Mi-Fi will go to the dormant state for power saving. If there is no connection to the Mi-Fi Within a certain time, the Mi-Fi will go to the dormant state. (You can set the time in the WebUI).

1.3 Home

Login to the management page, you can configure the MiFi parameter.

Steps:

1. Open the browser, input 192.168.0.1 in the address bar.
 2. Input the username and password to sign in the management page.
- ❖ Description: the default user name is "admin", the password is empty

1.4 Internet

1.4.1 Network Status

Steps:

Internet > Network Status

Display some of the current network status, including network operators, network mode, connection time, IP address, etc...

1.4.2 APN Settings

Steps:

Internet > APN Settings

Set the APN selection mode to Auto, and automatically select the corresponding APN from the APN list based on the current SIM card.

Set the APN selection mode to Manual, you can manually modify the APN name, username, password, and Method APN.

1.4.3 Connection Mode Settings

Steps:

Internet > Connection Mode Settings

1) **Preferred Cellular:** Select the network mode Auto, 2G, 3G. When auto is selected, the optimal network is connected with the network selection signal; when select 2G, only have to register the 2G network; when select 3G, only have to register the 3G network.

2) **Open / close data roaming:** Close the data roaming, the SIM can't be use data in the roaming area; Open the data roaming, the SIM card can be use data in the roaming area.

3) **Open / close data:** Open data services, connected via USB or other devices connected to the hotspot can be normal access to the internet. Close the data service, or other settings to connect the hot to access the Internet through the USB connection.

1.4.4 SIM Card PIN Lock

Steps:

Internet > SIM Card PIN Lock

Open the PIN code of the SIM card, after landing WebUI will jump to the menu of SIM card PIN Lock and require the user to enter the PIN code, enter the correct PIN code can be unlocked. If you enter the wrong PIN code, can enter the number of times will be reduced, after entering three error PIN code will require the user to enter the PUK code, the maximum number of times is 10.

❖ Description: The default value of the PIN code is related to the provider of your SIM card. Please consult the operator, if you enter the 10 error SIM code after the PUK card will be scrapped.

1.4.5 My Operator (PLMN)

Steps:

Internet > My Operator (PLMN)

PLMN can choose manual and automatic. If you select the auto, the corresponding PLMN is automatically registered according to the current SIM card.

If you select the manual, it will automatically search PLMN lists, select the PLMN in the list to register.

1.4.6 Router LAN Settings

Steps:

Internet > Router LAN Settings

Display DHCP related settings information, including: IP address, subnet mask, etc.

1.5 Wi-Fi Settings

1.5.1 Wi-Fi Status

Steps:

Wi-Fi Settings > Wi-Fi Status

Show the status of Wi-Fi related, including: WPS state, Wi-Fi state, the current number of connections, SSID name, encryption protocol, DHCP state, and so on.

1.5.2 Wi-Fi Control

Steps:

Wi-Fi Settings > Wi-Fi Control

- 1) **Wi-Fi 2.4 GHz:** When Wi-Fi is off, the hot spot can't be used normally; when the Wi-Fi is turned on, it can be used normally.
- 2) **Wi-Fi WPS/PBC:** Click Via PBC Start, press the Wi-Fi key on the Mi-Fi side, if there is a device to use the WPS-PBC within 2S to connect the hot spot, you needn't to enter the password normal connection
- 3) **Wi-Fi WPS/PIN:** PIN Mode User open state, click Via PIN Start, webUI will appear the PIN code, and use the device of support WPS-PIN to connect to the hot spot, input the PIN code of WebUI to the device, the device will connect to the hot spot.

1.5.3 Wi-Fi Clients

Steps:

Wi-Fi Settings > Wi-Fi Clients

Display devices that connect to the hot spot, including the IP address, Mac address, access status, and the maximum number of connected to the Mi-Fi is 5.

If the device is connected to the hot spot, but the access is closed, the device is also unable to use the network correctly.

1.5.4 Wi-Fi Security Settings

Steps:

Wi-Fi Settings > Wi-Fi Security Settings,

- 1) **SSID Visibility:** After open this setting, SSID will automatically be hided, other devices can't search the hot spot. After close this setting, other devices can be normal search the hot spot.
- 2) **Protection:** No protection, other devices connected to the hot spot without entering the password. Advanced protection mode when other devices connected to the hot spot need to enter the password.

- 3) **WPA Node:** When select Auto (WPA & WPA2), it will automatically choose between WPA2 and WPA encryption mode for encryption; select WPA2 encryption mode will use WPA2 protocol encryption.

1.5.5 MAC Filter

Steps:

Wi-Fi Settings > MAC Filter

- 1) **MAC Filter:** Open this settings, add MAC address, the MAC address of the device will not be connected to the hot spot. When it is closed, any MAC addresses are normally connected to the device.

1.6 Applications

1.6.1 Contacts Settings

Steps:

Applications>Contacts Settings

It will be showed the contacts of stored in the SIM card and local. Just only add new contact to local, the contacts of stored in the SIM card just can be viewed and sorted. But the contacts of stored in the device can be sorted, modified and deleted.

1.6.2 Short Messages

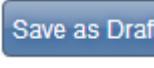
You can send and receive the short message.

Steps:

Applications > Short messages

- 1) **Setup:** Can set the storage location of the received message to the Device and SIM card. Also displays the number of current SMS and SMS center number.
- 2) **Inbox:** The message of stored in the SIM card just can be view. But the message of

stored in the device can be replied, forwarded, deleted and sorted. Click  in the inbox, you can add message, input the correct received number and contents, you can send the message.

- 3) **Draft:** Add new message, click , you can save the message to the draft box. You can edit the text message is stored in the Draft box, select the Delete box, click Apply to delete the selected draft.

1.6.3 DHCP Setting

Steps:

Applications > DHCP Setting

- 1) **DHCP Service:** Default to open state.

Open DHCP Service, Set the start IP address, the following Range IP will start the IP address from the beginning of the show, other devices connected to the hot spot,

the distribution of the IP address will be selected from the range of IP addresses randomly.

Close DHCP Service. Other devices will not be connected to the hot spot. At this point you can manually set the static IP by the following two ways.

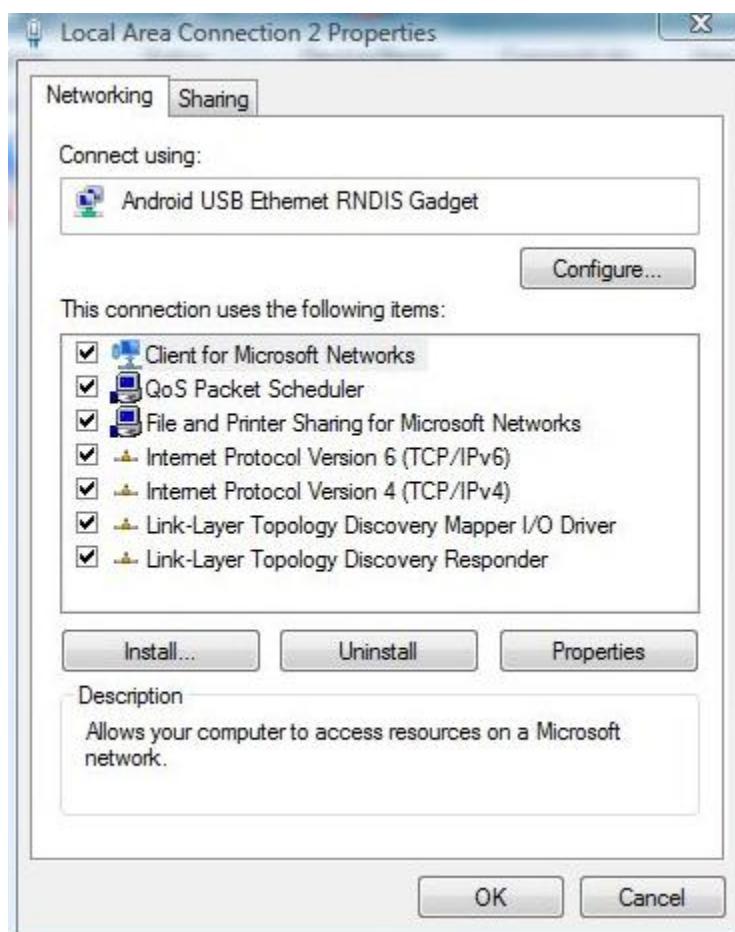
1.1) The MiFi is connected to PC through the USB line, and the PC is created at the end of the network:



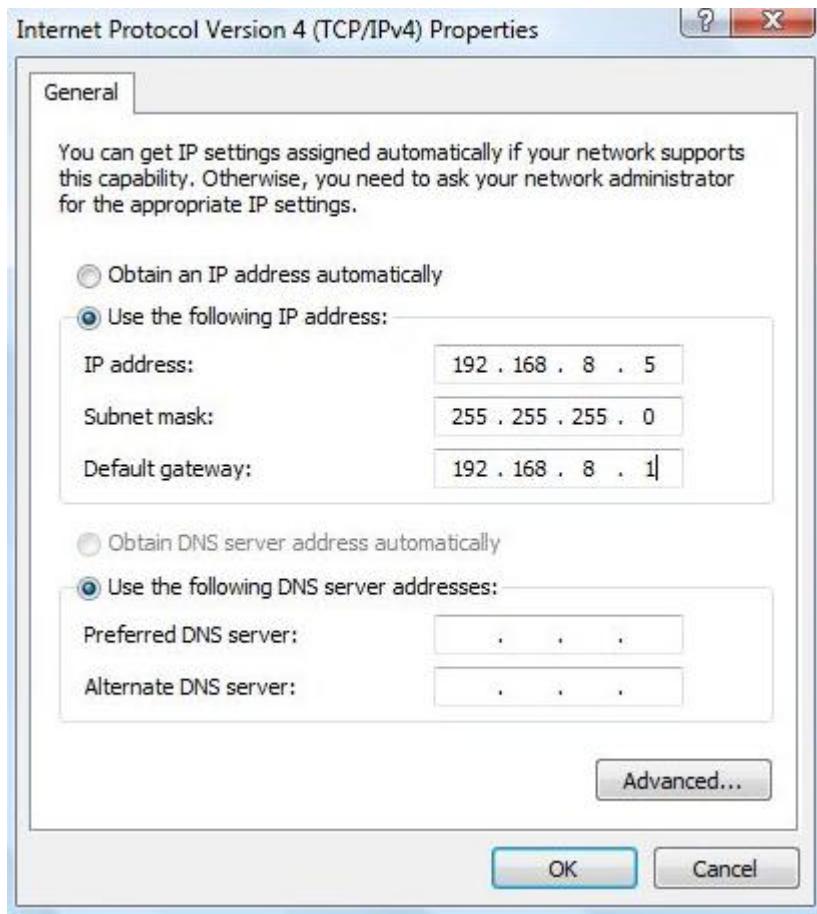
To manually configure the IP address, subnet mask, and other related information to log on WebUI.

Steps:

a. Select the right key when the network connection is selected, and select properties;



b. Select Internet Protocol Version 4 (TCP/IPv4), press the properties, Manually enter the following information, click OK (The IP address can enter the 192.168.8.9 (the last one can be 0-255 of any value), the default gateway is 192.168.8.1);



1.2) Use a mobile phone or notebook computer to search the hot spot, directly click on the hot to edit static IP, the default gateway is 192.168.0.1, IP address is 192.168.0.14 (the last one for 0-255 in the random number)

1.6.4 USSD

Steps:

Applications > USSD

Enter the correct combination of USSD code and send, there will be information to reply, do operation according to the prompt.

1.6.5 ADB

Steps:

Applications > ADB

1) ADB: After opening the ADB, you can output log ADB, access to the file system through the ADB command.

1.6.6 Firewall Setting

Steps:

Applications > Firewall Setting

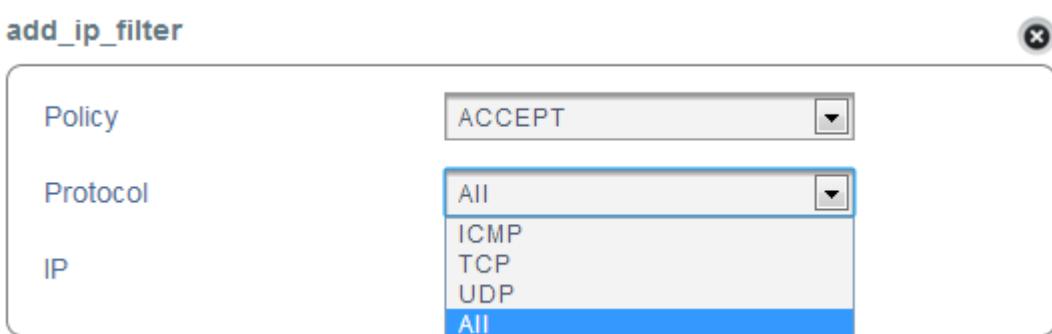
1) **DMZ:** Default to open state, DMZ within the general public server, such as Mail, FTP, Web, etc.. From outside the visitors can access the service in the DMZ, but could not access to stored in the network company confidential or private information etc., even

if the DMZ server is destroyed, nor will it affect the confidential information in the Intranet can set the IP address of the DMZ.

- 2) **IP Filter** : Add IP address types for DROP and ACCEPT ,



You can also add a different protocol's IP address.



If you set the Policy to DROP, then the black list, add the IP address of the corresponding URL will not be accessible, the other IP address of the corresponding URL can be normal access. If you set the Policy to ACCEPT, it is a white list, you can access to the list of the IP address corresponding to the URL.

3) Port Forwarding: Port forwarding is a network port forwarding a network port from one network node to another, which enables an external user to arrive at a port in a private internal IP address (LAN) from an externally activated NAT router.

4) URL Filter: Add URL to filter URL, you cannot access the URL, For example: www.baidu.com.

1.7 System

1.7.1 System Information

Steps:

System>System Information

Show some information about the product, including: software version number, modem version number, hardware version number, IMEI number, etc...

1.7.2 Admin Settings

Steps:

System> Admin Settings

- 1) **Account:** You can modify the username and password, select [Show Characters](#) will show the password. You also set the menu of 'the auto logout after sometime, it means that if you have no operation to the WebUi within the certain time the system will go back to the login.
- 2) **Language:** Switch to a different language;
- 3) **Date & Time:** SNTP default open, open SNTP, the system will automatically synchronize the time of the Google server. You can set up different time zones, and time will be displayed according to the time zone set. Close SNTP, display system time, change the time zone, the following time will be based on the time zone to display.

1.7.3 Settings Profile

Steps:

System> Settings Profile

- 1) **Restore Device:** Export the MiFi related configuration file to a default path;
- 2) **Store Profiles:** Import the exported MiFi related configuration file into the current device ;
- 3) **Reset & Reboot:** Reboot the Mi-Fi

1.7.4 Firmware Upgrade

Steps:

System> Firmware Upgrade

1) Local upgrade:

- a. Open ADB, no SD card, a notebook device connected to the hot, open the CMD command in the notebook, enter \\192.168.0.1, copy the upgrade package (name is update.zip) to the path, open WebUI, click Upgrade Firmware button to upgrade the firmware;
- b. Open ADB, Insert the SD card(contain the update.zip), connect the Mi-Fi and PC with USB cable, open the browser in the PC, login to the WebUI, click Upgrade Firmware button to upgrade the firmware;
- c. Open ADB, no SD card, a notebook device connected to the hot, open the browser in the PC, login to the WebUI, click Upgrade Firmware button to upgrade the firmware;

1.7.5 Network Statistics

Steps:

System> Network Statistics

- 1) **Packet Data Usage:** Set the max limitation for my network packet data; Set remind me when data usage is more than.
- 2) **Statistics:** Show the user has used the upload / download data traffic.

1.7.6 Advanced Options

Steps:

System> Advanced Options

- 1) **UPnP:** Universal plug and play (UPnP) is a kind of system structure, especially in the family, which is used for the connection of PC and smart devices (or devices). UPnP is based on Internet standards and technologies (such as TCP/IP, HTTP, and XML), so that the device can automatically connect and work together with each other, so that the network (especially the home network) is possible for more people.
- 2) **Power Saving:** Set the time of sleep, Were 3 minutes, 5 minutes, 10 minutes, Disable, If no device is connected to the hot spot within the setting time, the device will go to the sleep state. When set to Disable, the Mi-Fi will not be to hibernation.

1.8 Help

Help menu mainly includes some common problems of the treatment.

CE Statement:

- Battery caution: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions. The product shall only be connected to a USB interface of version USB2.0
- Adapter shall be installed near the equipment and shall be easily accessible.
- Use the Mobile Phone in the environment with the temperature between -10°C and 40°C.
- The plug considered as disconnect device of adapter
- SAR: The device complies with RF specifications when the device used at 15mm from your body.
- Shenzhen Unitone Electronics co.,Ltd hereby declares that this WiFi hotspot + Power bank, essential requirements and other relevant provisions of Directive 1999/5/EC.
- Adapter: Input: AC 100-240V, 50/60Hz 0.2A
Output: DC 5.0V, 1A

WD03 , MIFI 3G MOBILE WIFI ROUTER, is in compliance with the

CE0700

FCC Statement

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

SAR:the device complies with RF specifications when the device used at 5mm from your body

SAR Max.values: 0.85W/Kg(1g) for Body-worn; 0.89 W/Kg(1g) for hotspot. 1.12 W/Kg of The Highest simultaneous SAR value