

# 4G LTE MIFI ROUTER USER MANUAL

**DWR-932M****Note:**

Different model with different housing, the picture on manual only for reference

## Section 1 - Introduction

### 1.1 Introduction

It is a portable 4G MiFi product which supports FDD-LTE/ TDD-LTE/ TD-SCDMA/ WCDMA. User equipment can connect to the via Wi-Fi or USB, enjoy a fast navigation experience.

This manual introduce the installation and usage of this equipment, all descriptions are based on the Windows 7 OS. For more details about the network connection, please consult your operator.

### 1.2 Specifications

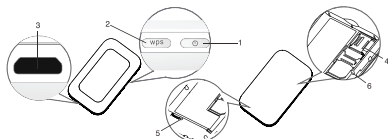
- >FDD-LTE/ TDD-LTE/ TD-SCDMA/ WCDMA supported
- >Web sharing, can support up to 10 users at the same time access
- >2100mAh battery, 6-8 hours working time
- >Peak speed is as follows:

| Support Network | Download | Upload                      |
|-----------------|----------|-----------------------------|
| TDD-LTE         | 100Mbps  | 20Mbps                      |
| FDD-LTE         | 150Mbps  | 50Mbps@ Bandwidth 20M(CAT4) |
| WCDMA           | 21Mbps   | 5.76Mbps                    |

### 1.3 Package contents

- 4G MiFi Router X 1
- Battery X 1
- USB Cable X 1
- User Manual X 1

### 1.4 Description of components

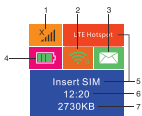


| Label & Name    | Functions                                                                           |
|-----------------|-------------------------------------------------------------------------------------|
| 1. Power Button | Press Power Button to power on/ off the device<br>Wake the device during sleep mode |

|                           |                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. WPS Button             | Open the WPS function, devices AP related information<br>Press the WPS button for 3 seconds to open the WPS function(PBC)<br>Double-click to display the SSID and KEY information of the device AP |
| 3. Charger/ USB Interface | Charger interface<br>USB interface between device and Client Terminal                                                                                                                              |
| 4. TF Card Slots          | Insert TF card                                                                                                                                                                                     |
| 5. Reset Button           | Press the Reset button for 3 seconds to restore factory settings                                                                                                                                   |
| 6. SIM Card Slot          | Used to inset the Micro-SIM card                                                                                                                                                                   |

## 1.5 Description of the LCD Screen

The LCD display should be as followed after Power ON/ OFF:



| Label | Instruction                           |
|-------|---------------------------------------|
| 1     | Web signal strength                   |
| 2     | Wi-Fi ON; Number of the Wi-Fi clients |
| 3     | SMS indication                        |
| 4     | Battery Capacity                      |
| 5     | Operator                              |
| 6     | Network online time                   |
| 7     | Data Usage                            |

## 1.6 Description of the LED Screen

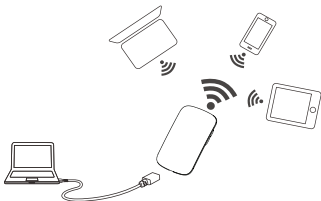
The LED display should be as followed after Power ON/ OFF:



| LED indicator information       | Instruction                                                                                                                           |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1. Signal Indicator             | Red light flashing means signal unstable<br>Green light flashing means signal good                                                    |
| 2. Electrical Voltage Indicator | Red light flashing means power lower than 20%<br>Yellow light always on means power over 20%<br>Yellow lights flashing means charging |
| 3. SMS indicator                | Light on/Flashing means there is text message<br>Light off means no text message                                                      |
| 4. WiFi indicator               | Light off means no signal<br>Light on means Wi-Fi works fine                                                                          |

## 1.7 Application Scene

This equipment can support Windows XP, Vista, Win7, Win10, Mac OS etc, and can support multiple connections via Wi-Fi or USB at the same time. Below diagram is only for reference.



NOTE: Before using of the Wi-Fi connection, please make sure the client device supports the Wi-Fi.

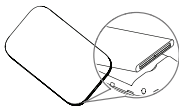
## 1.8 Sleep Mode

When the equipment is in WAN and battery mode and no devices are connected to the equipment for certain time, the equipment will enter sleep mode.

# Section 2 - Installation Instructions

## 2.1 Installation of the Micro-SIM card, TF card and Battery

- 1) At the arrow position of the indentation on the drawing below, push to open the back of the equipment, and remove it.
- 2) Put the Micro-SIM card and TF card into the slot, be mindful of the direction.
- 3) Put the battery in as the drawing shows.
- 4) Put the cover back on the equipment and close it.



## 2.2 Power ON/ OFF

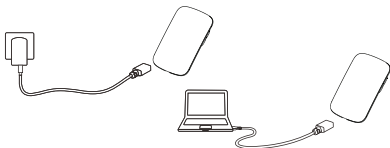
Power ON: Long press the POWER Button, turn on the device, the LCD will light up

Power OFF: Long press the POWER Button to turn the device off.

## 2.3 Charging

The equipment can be charged via either charger or USB port. The method to charge is as followed:

- 1) Use the USB cable to connect the computer or other equipments.
- 2) Use the charger to connect a USB power source to the device.



NOTE: The normal usage will not be affected during charging.

## Section 3 - Connecting to a Device

This chapter will introduce two methods to build the connection.

### 3.1 Via USB cable

The steps are as follows:

- 1) Power ON the device.



- 2) Use USB cable to connect the device and the client(click to close the auto play popup).

- 3) Choose the required language.

- 4) Follow the system instructions to finish the installation(skip this step for driverless version).

- 5) The connection between the device and client will be made successfully.

Remark:

- 1) Through USB connection the client is not included in the total access users.
- 2) If the system does not support automatic installation, please run the Driver Setup. exe program in My Computer> CD-ROM drive to start software installation.
- 3) After the software installs the CD-ROM successfully, the device driver will be installed successfully at the same time. Afterwards, the device manager will show:



## 3.2 Via Wi-Fi

### 3.2.1 Password access

The following is an example with basic steps.

- 1) Turn on the device, wait for 1~2 minutes till the device initialization is completed.
- 2) Please configure the computer.

Steps to configuration Wi-Fi is as follows:

- a) Click Start, and then click Control Panel.
- b) Click Network and Internet, then click "View your basic network information" and set up connections.



- c) Right-click on Local Connection, choose Properties.



d) Click Internet Protocol (TCP/ IP), choose Properties.



e) Choose Internet Protocol Version 4, then click Properties.

f) Select Obtain an IP Address Automatically and Obtain DNS Server Address Automatically, click confirm to complete configuration.



3) After completion of computer configuration, choose network icon in the taskbar selected.



4) Select the corresponding SSID of the device, click Connect.



5) Enter the key (1234567890) and click connect.



6) Later, the Click Terminal will automatically connect to your device.



### 3.2.2 Via WPS Function

If the client supports WPS, please follow these steps:

- 1) Turn on the device and Wi-Fi.
- 2) Long Press WPS Button for 3 seconds to enable WPS functionality.
- 3) Open the client WPS function so that WPS is on for both devices.
- 4) Follow the client system prompts to complete the connection.

Remark:

- 1) About the client WPS process operation, please refer to the client's instructions.
- 2) WPS function will automatically shut down after 2 minutes, if you need a connection to be established through the WPS, please press the WPS button again.

### 3.3 How to obtain the SSID and password

The SSID and password of the devices will be posted on the label as normal, if not you can obtain the SSID and password through the way as bellow.

- 1) Obtain via Web

Enter to the Web UI, Enter to settings ➡ WLAN settings ➡ Basic settings, you will see the information of SSID and KEY.

- 2) Double click the WPS Button

- 3) Double click the device WPS Button, you can see the information of SSID and KEY on the LCD.

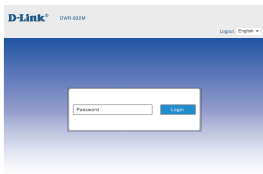
## Section 4 - Managing the Web UI page

Web UI management interface can help users to manage the device effecticely.

This chapter will show you how to manage the page.

### 4.1 Login

- 1) Enable the connection between Client Terminal and device.
- 2) Start the browser, Enter `http://192.168.0.1` into the web page in the address bar.
- 3) In the subsequent pop-up login window, enter the default password "admin", click Login, you can enter the Web UI management page.



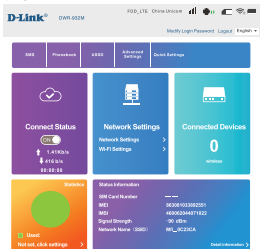


Remark: you are advised to use the following browsers: IE (7.0 or higher), Firefox (3.0 or higher), Opera (10.0 or higher), Safari (4.0 or higher) or Chrome (5.0 or higher),

## 4.2 Web UI Introduction

### 4.2.1 Home

The Home page is as bellow:



Home page will display access to user information list details of the user of the equipment.

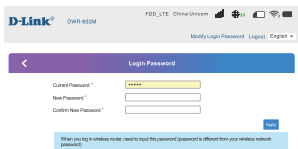
Direct your mouse to the upper right corner, it will be displayed in sequence from left to right operator, network type, signal strength, messages, SIM card status, Wi-Fi status, battery level and other information.

You can choose join or leave the network on the Home page.

Remark: There is setting to disconnect from the network.

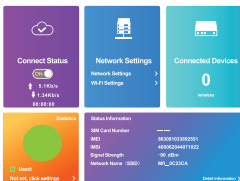
### 4.2.1 Change login password

The password can easily be changed.



## 4.2.2 Basic information

The basic information page includes SMS, phone book, advanced settings, quick settings, network connection settings, network access device quantity, traffic statistics and status information as shown below.



## 4.2.3 SMS

### 4.2.3.1 Device SMS

In the device section of SMS pages you will see, delete, refresh options displayed message in the new message where one can add up to 5 telephone numbers.



### 4.2.3.2 SIM SMS

In the SIM side of the SMS page, you will have the option to delete SMS's.



### 4.2.3.3 SMS Settings

On the SIM settings page you can enable or disable delivery reports.

D-Link® DWR-932M FDD\_LTE China Unicom

Modify Login Password Logout English ▾

< SMS Settings

Device

SMS Settings

Validity Maximum ▾

Center Number +861810249600

Delivery Report ☐ Enable ☒ Disable

Apply

### 4.2.4 Phonebook

On this page you will find phone contacts, new text, delete, etc. options. You can add 600 telephone numbers.

#### 4.2.4.1 List

D-Link® DWR-932M FDD\_LTE China Unicom

Modify Login Password Logout English ▾

< Phonebook (0/600)

Delete

Search All

| Name | Save Location | Mobile Number | Group |
|------|---------------|---------------|-------|
|------|---------------|---------------|-------|

List New Send

#### 4.2.4.2 New

D-Link® DWR-932M FDD\_LTE China Unicom

Modify Login Password Logout English ▾

< Phonebook (0/600)

New

Save Location Device ▾

Name

Mobile Number

Home Number

Office Number

Email

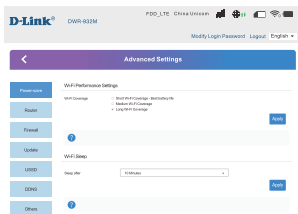
Group Common ▾

Save

### 4.2.5 Advanced Settings

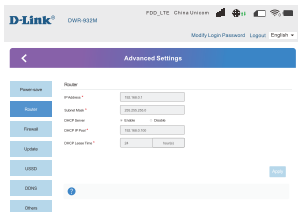
#### 4.2.5.1 Power saving

Advanced settings page includes Wi-Fi performance settings and Wi-Fi sleep settings, as shown below.



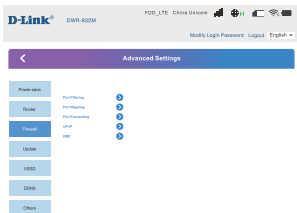
#### 4.2.5.2 Router

The router settings interface can be set to view the IP address, subnet mask, MAC address. Enable or disable the DHCP service settings view DHCP IP pool, DHCP lease, as shown below.



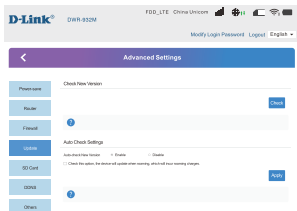
#### 4.2.5.3 Firewall

Setting up a firewall can protect the network from the network viruses, worms and malicious network attacks, make the operation of the equipment in the network security.

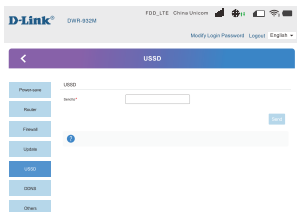


#### 4.2.5.4 Update

Update interface settings can be set up to detect new versions of the firmware automatically.



#### 4.2.5.5 USSD



#### 4.2.5.6 Other settings

Other settings interface, including reset and reset, shutdown, fast boot settings, PIN, SNTP code management.

**Advanced Settings**

**Restart and Reset**  
Please login again after reloading or resetting router.  
[Restart Device](#) [Reset Factory Settings](#)

**Turn Off Device**  
[Turn Off Device](#)

**Fast Boot Settings**  
FastBoot Settings: ☐ Enable ☒ Disable  
If enable Fast Boot function, user device will start via short time.  
[Apply](#)

**SNTP**  
Current Local Time: 2016-03-21 20:43:55, Thursday  
Time Sync Mode:   
SNTP Server 1:   
SNTP Server 2:   
SNTP Server 3:   
SNTP Server 4:   
Time Zone:   
Daylight Saving Time:   
**Change USB Mac Address**  
Mac Address:   
[Apply](#)

[PIN Management](#)

#### PIN Management

You can setup a PIN Code and enable or disable it on the security settings page.

Remark:

- 1) To change the PIN, please disconnect on the front page.
- 2) For detailed information about the SIM card, please consult the user's network provider.
- 3) For the PIN, the maximum chances to enter it correctly is 3 times, PUK code number can be entered incorrectly a maximum of 10 times.
- 4) Continuous input three times wrong PIN, SIM card will be locked, you need to enter the PUK to unlock once this happens.

**D-Link® DWR-932M** FDD-LTE China Unicom

[Modify Login Password](#) [Logout](#) [English](#)

**PIN Management**

**PIN Status** ☐ Enable ☒ Disable [Change PIN](#)

**Current PIN**   
Attempts Left: 3 [Apply](#)

1

Once the PIN is enabled, restart your device and log into Web UI and enter the PIN code management interface to change PIN settings.

## 4.2.6 Quick Settings

On this page you can be set up basic parameters.

### 4.2.6.1 APN Settings

The screenshot shows the 'Quick Settings' page for the D-Link DWR-932M. At the top, there's a header with the D-Link logo, model number, and status icons (FDD-LTE, China Unicom, signal strength, battery, and Wi-Fi). Below the header are links for 'Modify Login Password', 'Logout', and 'English'. The main section is titled 'Quick Settings' with a back arrow and a help icon. A message states: 'The wizard will show you how to set up basic parameters of gateway safely. Click "Previous" & "Next" to navigate, and click "Apply" to save settings. For advanced parameters, set them in other menu.' Below this is a 'Next' button. The 'APN Settings' section has a title bar with 'APN Settings', '+ Add', and '- Manual'. A help icon is visible below the title bar.

### 4.2.6.2 SSID

The SSID page can be used to turn SSID broadcasting on or off and allows you change the network name (SSID).

The screenshot shows the 'Quick Settings' page for the D-Link DWR-932M, specifically the SSID configuration section. The header and navigation links are the same as in the previous screenshot. The 'Quick Settings' section includes the same instructional message. Below it are 'Previous' and 'Next' buttons. The 'SSID' section has a title bar. The 'Network Name (SSID) \*' field contains 'WIFI\_123456'. The 'SSID Broadcast' section has radio buttons for 'Enable' (selected) and 'Disable'. A help icon is visible below the title bar.

Click "next" to enter the security mode settings interface

### 4.2.6.3 Security Mode

The screenshot shows the 'Quick Settings' page for the D-Link DWR-932M, specifically the Security Mode configuration section. The header and navigation links are the same. The 'Quick Settings' section includes the same instructional message. Below it are 'Previous' and 'Next' buttons. The 'Security Mode' section has a title bar. The 'Security Mode' dropdown is set to 'WPA2-PSK (AES)'. The 'PassPhrase \*' field contains '12345678'. There is a checkbox for 'Display Password' which is unchecked, and a red note below it says 'Please input at least 8 characters'. A help icon is visible below the title bar.

Click next to enter the device configuration settings

### 4.2.6.4 Configuration As Follows



Configuration as Follows

|                               |                  |
|-------------------------------|------------------|
| APN/Settings                  | Auto             |
| Network Name(SSID)            | WiFi_02282A      |
| Broadcast/Network Name (SSID) | Enable           |
| Security Mode                 | WPA2 (AES) + PSK |

## 4.2.7 Network Settings

Network settings interface includes network connection and wireless network settings.

### 4.2.7.1 Connection Mode

4.2.7.1.1 In the connection mode interface, there are two optional connection modes: automatic and manual.



### 4.2.7.1.2 Network Selection

In most circumstances you can use the automatic network configuration settings for your device. If the automatic network configuration is unsuccessful, please select manual configuration.



### 4.2.7.1.3 APN

In automatic mode, the relevant information on the APN will be automatically adapted according to the inserted SIM card.



**D-Link® DWR-932M** FDD-LTE China Unicom

Modify Login Password Logout English

### Connection Settings

**Connection Mode**

**Network Selection**

**APN**

Current APN: China Unicom

Mode: ☐ Auto ☐ Manual

Profile: China Unicom

PDP Type:

Authentication: China Unicom

APN: CHINAUNICOM

Authentication:

User Name:

Password:

Old No.:

## 4.2.8 Connected device

The access quantity interface displays all the wireless terminals connected to the router, including the device name of the wireless terminal, and the MAC (medium access control) address.

**D-Link® DWR-932M** FDD-LTE China Unicom

Modify Login Password Logout English

### Connected Device

All of wireless device connected to this router will show on the page, including device name and MAC address.

**Wireless Access Device**

| No.     | Timestamp | Host Name | IP Address | MAC Address | Duration (seconds) | Rx | Tx | Operation |
|---------|-----------|-----------|------------|-------------|--------------------|----|----|-----------|
| No data |           |           |            |             |                    |    |    |           |

## 4.2.9 Statistics

Page includes traffic statistics, flow package settings.

### 4.2.9.1 Data Management

Flow management interface can create a flow plan, the query has been used and the rest of the flow.

**D-Link® DWR-932M** FDD-LTE China Unicom

Modify Login Password Logout English

### Data Management

You can create statistic plan, query used and left statistic.

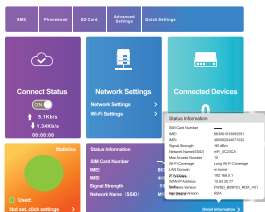
**Data Management** ☐ Enable ☐ Disable

Data usage is approximate only. For actual usage, please refer to your network operator.

**Apply**

## 4.2.10 Status Information

The device information displayed on the page is software version, firmware version, hardware version, IMEI number, signal strength, etc.



## Section 5 - Using the device

### 5.1 Use of the device in certain environments

- Using this device and other RF equipment may cause interference to some equipment that has insufficient shielding, such as some electronic systems in motor vehicles. If unsure, please consult the device manufacturer before using this device.
- When using this device near certain medical equipment, such as audiphones, cochlear implant and pacemakers, please keep at least 20cm distance between this device and the medical equipment and when necessary please power off this device. If you have other questions, please consult the manufacturers of the medical equipment before use.
- When using in a warehouse with oil, chemical plants, near other volatile production processes, hospitals and other areas with special regulations, please pay attention to the usage restrictions of this device. If necessary, do not use this device.
- Keep out of reach of children, the device is not a toy and could cause personal injury to infants or children.
- During air travel, please turn this device off before take off in order to prevent interference with the plane's communication system. It is forbidden to use this device during flight. If you wish to use the device before take off, make sure to get permission from the crew and follow any safety regulations.
- While this device is active, please do not touch the built-in antenna area of the device, doing so could affect the performance of this device.

## 5.2 Precautions

- Please use accessories only from the original factory or approved factories. Using any unauthorized accessories will affect the performance of this device and will be against product warranty terms and related national regulations for communication terminal products.
- Avoid using this device near metal structures or devices that emit electromagnetic waves, otherwise it could negatively affect signal receipt.
- This device is not waterproof, please keep it dry and store in a dry cool environment.
- Please do not use this device in areas where the temperature fluctuates rapidly, as this could allow condensation to form on the exterior of the device. If this does occur, please wait for some time until the condensation disappears before using the device.
- Please handle the device with care. Do not drop, bend or bump the device, as doing so may cause irreparable damage to the device.
- Unqualified persons are prohibited from disassembling the device. When repairs are required, please go to a designated repair place for maintenance. Only qualified technicians should attempt to repair this device.
- The suggested temperature for using this device is between 0 and 35 degrees Celsius. The relative humidity should be between 5% and 95%.
- When in use for long periods of time, the device can cause an increase in local environmental temperatures, sometimes potentially resulting in overheating. The device has a built-in automatic shutdown feature to prevent this from happening. To prevent over heating, do not place the device in a confined space or an area that is not well ventilated. If overheating occurs, place the device in a well ventilated space where proper heat dissipation can occur. After cooling the device down you may continue normal use.

## 5.3 Battery Instructions

- Please take care not to short circuit the battery, as this may cause damage to the battery, heat generation and possibly even fire.
- It is prohibited place the battery in high temperature environment or dispose of in a fire. Failure to comply could

cause an explosion.

- Please do not attempt to disassemble the battery.
- Please do not allow the battery to discharge completely if it can be avoided, as this may cause damage to the battery. When planning not to use the device for a period of at least 2 months, it is recommended to discharge it and store it in a cool dry place with no direct sunlight.
- If the battery or charger have been damaged or show clear signs of wear, please cease use.
- Worn-out batteries may be sent back to the supplier or disposed of in designated areas. Do not dispose of the battery with household waste.
- If the battery gets damaged, avoid contact with the contents. If skin gets exposed to the battery fluid, rinse thoroughly with water and then seek medical attention if needed.

## 5.4 FAQ

This section focuses on solving potential problems that may occur during use.

1. Q: Why does the management page open very slowly or sometimes not at all?

A: 1. There is too much web cache. To solve this, click on Webpage options - Internet Options and clear the cache before returning to the administration page.

A.2: Weak Wi-Fi signal can lead to slow connections speeds, which would make it difficult or impossible to enter the administration page. Restart the device and try to enter the administration page.

2. Q: After attempting to manually click "connect" in the main interface, administration page, why there is no IP is assigned?

A: When the signal is weak, dialing takes a longer time. Please be patient and wait for 2 to 3 minutes. If there are any unexpected issues, please set to re-connect automatically.

3. Q: Why does the network disconnect after modifying the network name or SSID?

A: This is normal. After modifying the SSID, the changed SSID must be selected and reconnected to.

4. Q: Why can the Chinese input method not be used when entering the SSID name and password?

A: Mobile specification requirements: use numbers or English to edit the SSID name and password.

5.Q: Why does the edited content not change after making and saving the changes?

A: This is caused by a delay on the network, please refresh the administration page and try again.

6.Q: Why am I unable to connect to a Wi-Fi device?

A.1: Please confirm that the connected SSID is the correct SSID.

A.2: Please confirm that the password is the correct for the SSID.

A.3: Restart the device and try again to connect.

7.Q: Why am I unable to browse the internet after connecting to the Wi-Fi device?

A.1: Check if the connection mode is set to manual, and enter the administration page to manually click the connection.

A.2: Please confirm if the signal is good enough in the location you are in.

A.3: Network problem, please restart the device to obtain a new IP address.

A.4: Please confirm that your SIM card has data credit.

8.Q: Is there any input limit for SSID names and passwords on the administration page?

A: The input requirements for SSID names: Length: 32 digits, supports only English letters and numbers and symbols.

Password requirements: Length should be 8 to 63 ASCII or Hexadecimal digits. English letters, numbers and symbols are supported.

9.Q: Why can I not find the name of the Wi-Fi device on my other device when trying to connect the Wi-Fi?

A: Please enter the administration interface through USB connection to set WLAN basic settings and check if the SSID broadcast function has been selected as invisible.

10. Q: After modifying the SSID name or password, why can I not connect automatically?

A: After modifying the SSID name or password, the external equipment will keep trying to connect using the previous details. please update the SSID name and password on the device that you are using to connect.

11. Q: What are the two round holes in the upper right corner of the product for?

A: Tie the rope to the hole for wearing.

