

The logo for mobini! is an orange rounded rectangle with the word "mobini!" in white lowercase letters.

MF25A

Wireless Router

Quick Start Guide

LEGAL INFORMATION

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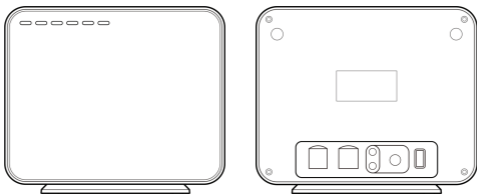
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Getting to Know Your MF25A

External View



LED Indicators

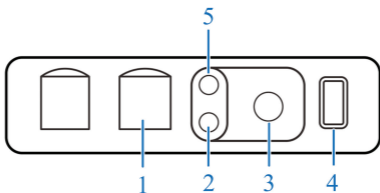
Indicator	State	Description
POWER	ON	External power supply working normally.
	OFF	External power supply is disconnected or power off.
WIFI	ON	Wi-Fi works normally with no data transmission.
	Blinking	Wi-Fi works normally with data transmission.
	OFF	Wi-Fi works abnormally, or the Wi-Fi function is disabled.

Getting to Know Your MF25A

Indicator	State	Description
PPP	ON	WAN connection established (PDP activated)
	Blinking	WAN connection establishing (PDP activating)
	OFF	WAN connection not established (PDP not activated).
2G/3G	ON	RF signal is normal (RSSI \geq -90dBm). Different color indicates different network. Red: GSM/GPRS/EDGE. Green: HSDPA/HSUPA/UMTS.
	Blinking	RF signal is poor (-100dBm \leq RSSI < -90dBm). Different color indicates different network. Red: GSM/GPRS/EDGE. Green: HSDPA/HSUPA/UMTS.
	OFF	RF signal is not available (RSSI < -100dBm) or there is no (U)SIM card inserted.
LAN	ON	The corresponding LAN port is connected.
	Blinking	The corresponding LAN port is connected with data transmission.
	Off	No network cable connected.

Getting to Know Your MF25A

Interface Description



1. Lan	Ethernet connections to computer.
2. Reset	To restore factory default configurations.
3. Power Socket	Connector to the external power supply.
4. On/Off	Turn the router on or off.
5. WPS button	WPS button is used to start Wi-Fi Protected Setup authentication process

Getting Started with Your Device

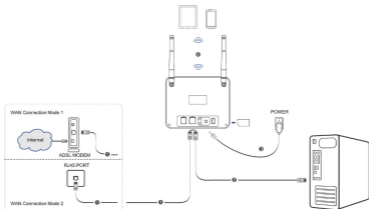
Connecting Your Device

The MF25A enables terminal devices, for example, computers, cell phones, and tablets, to access the Internet through a network cable or a wireless network.

The MF25A can access the Internet through different operation modes. If you select a different operation mode, the cable connection is different. Please refer to the chapter “Accessing the Internet”. If you want to use the mobile network to connect to the Internet, you need to insert your (U)SIM card first.

Warning:

- Before installing the (U)SIM card, power off the MF25A and remove the external power adapter.
- Your device does not support Micro/Nano SIM card or any other nonstandard (U)SIM cards. To avoid device damage, please do not use them or any card holders.



Getting Started with Your Device

Starting the MF25A

Warning:

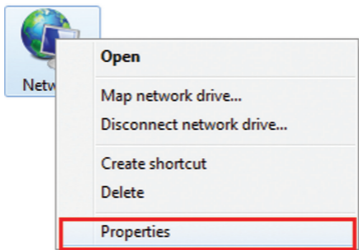
The MF25A must be placed in a well ventilated environment. Do not cover the device.

Slide the **on/off** switch to start the MF25A. After the device is initialized, the LED indicators are in normal status.

Configuring Your PC

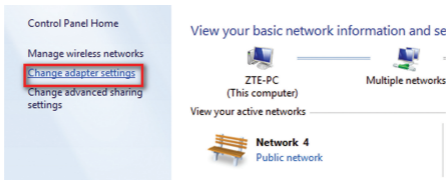
The following takes the Windows 7 as an example to describes how to configure the Internet protocol so that your PC can obtain an IP address automatically.

1. Right-click **Network** and then select **Properties**.

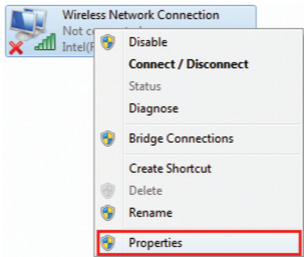


Getting Started with Your Device

2. Click **Change adapter settings**.



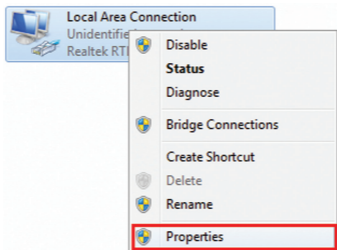
3. Right-click the **Wireless Network Connection** icon and then select **Properties**.



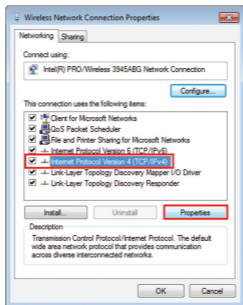
Note:

If the PC connects to MF25A through a network cable, right-click **Local Area Connection** and select **Properties**.

Getting Started with Your Device

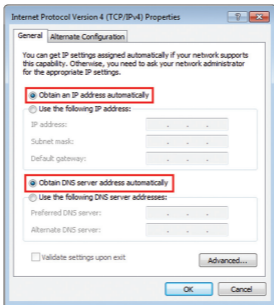


4. Select **Internet Protocol Version 4 (TCP/IPv4)**, and then click **Properties**.



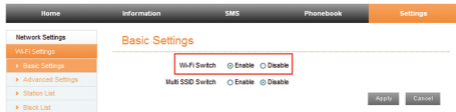
Getting Started with Your Device

5. Select the two items indicated in the following figures, and then click **OK** to finish the configuration.



Wireless Connection (Optional)

1. Make sure that the WLAN operates properly. Check the Wi-Fi Setting on the WebGUI Configuration page or check the Wi-Fi indicator.



Getting Started with Your Device

2. Use your normal Wi-Fi application on the client to search for the available wireless networks.



Note:

Set the client to obtain an IP address automatically, and the client will get an IP address like "192.168.1.101". For details, refer to [Configuring Your PC](#).

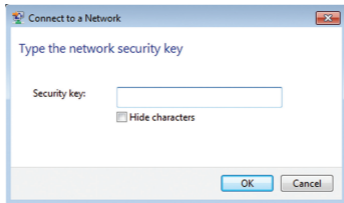
Getting Started with Your Device

3. Select the SSID of the MF25A, and then click **Connect**.



NOTE: Check the label on your device to get the default SSID. The SSID of Mobinil MF25A is Mobinil Wireless.

4. Enter the password, and then click Connect.



Getting Started with Your Device

Note: You may need to enter the password for the Wi-Fi connection. Please check the label on the MF25A to get the default password. The default password is `mobinil_xxxxx`, where `xxxxx` is the last 5 digits of the MAC address.

Using Your Device

Accessing the Internet

Before accessing the Internet, please make sure that the following operations are finished.

- The MF25A is connected to the terminal device via a network cable or Wi-Fi.
 - The terminal device is set to obtain an IP address automatically.
1. Open the browser of the terminal device, and enter `http://192.168.1.1` on the address bar. The login page is displayed as follows:



Using Your Device

2. Enter the password (default: admin), and click **Login**.
3. Select the Operation Mode.

Your device supports three operation modes:

- **Bridge:** In this mode, your device is similar to a bridge to connect the client and Internet.
- **Cable Broadband:** This mode applies to cable broadband connection. It enables clients to share the cable broadband to access the Internet.
- **Wireless Broadband:** This mode applies to the 3G network access mode provided by the mobile operator.

Operation Mode ✕

Bridge

Cable Broadband

Wireless Broadband

** Please remove the WAN cable when in Wireless Broadband mode.*

Apply

4. Configure the **WAN Connection**.

Using Your Device

- **Bridge Mode**

You need to connect the WAN to the Lan port via an Ethernet cable and set the clients to obtain the IP address automatically. Your clients can obtain the IP address from the WAN DHCP host and connect to the Internet directly.

Note:

If you want to change the operation mode, you need to set a fixed IP address between 192.168.1.100 and 192.168.1.200 for the client, and then log in and open the WebGUI configuration page to change it.

- **Cable Broadband Mode**

You need to connect the WAN to the LAN port via an Ethernet cable and select the WAN Connection Mode.

There are three cable broadband modes: PPPoE, Static and DHCP.

- ▶ In PPPoE mode, enter the User Name and Password and then set the WAN Connection Mode.

Note:

Your service provider gives you the User Name and Password.

Using Your Device

Dial-up Settings

WAN Connection Mode

PPPoE

User Name *

Password *

WAN Connection Mode Auto Connect
 Manual Connect

- ▶ In **Static** mode, enter the static address.

Note: Your service provider gives you the static address information.

Dial-up Settings

WAN Connection Mode

Static

IP Address *

Subnet Mask *

Default Gateway *

Primary DNS Server *

Secondary DNS Server *

- ▶ In **DHCP mode**, no configuration is required.

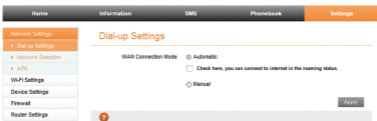
Dial-up Settings

WAN Connection Mode

Using Your Device

- **Wireless Broadband Mode**

Connect a PC or laptop to the Lan port to access the Internet.



5. Use the terminal to access the Internet.

WPS Function

The MF25A supports the WPS function. You can use this function to connect the client to the MF25A.

1. Power on the MF25A, and start the WPS function.
2. Press the WPS button on the MF25A to activate the WPS function.
3. Enable the WPS function on your client. Follow the system prompts on your client to finish the connection.

Note:

For detailed operations on the client, refer to the corresponding product instructions.

Troubleshooting

Internet Related Problems

Symptom	Solution
I cannot access the Internet at all	<ul style="list-style-type: none">• Please check your configuration settings.• Please wait 1~ 2 minutes for the router to initialize.• Check your service indicator LED's.
The download or upload speeds are very slow.	The speed is dependent on signal strength. Check your signal strength and network type.
I cannot visit the webGUI configuration page.	<ul style="list-style-type: none">• Enter the correct address. The default address is http://192.168.1.1.• Only use one network adapter in your PC.• Do not use any proxy server.
Cannot establish the Wi-Fi connection between your device and client.	<ul style="list-style-type: none">• Make sure the Wi-Fi function is active.• Refresh the network list and select the correct SSID.• Check the IP address to make sure your client can obtain an IP address automatically in the Internet protocol (TCP/IP) properties.• Type the correct network key (Wi-Fi password) when you connect to the device.

Troubleshooting

Others

Symptom	Solution
The signal strength indicator is always blinking or does not light.	This indicates poor reception. Try moving the router to another location near the window.
About the password	<ul style="list-style-type: none">• For the Wi-Fi connection password, please check the label on the device.• The default password of the webGUI configuration page is admin.• If you changed the password and forgot the new password, you need to restore the device to the factory default settings.

How to Get in Touch

Get assistance in the following ways:

- Send an E-mail to **mobile@zte.com.cn**
- Visit **www.ztedevice.com**
- Call Service Hotline: **+86-755-26779999**

Warning and Notice

Safety Precautions

- Some electronic devices may be susceptible to electromagnetic interference. Move the router away from the TV set, radio and other electronic equipment to avoid electromagnetic interference.
- Please keep yourself at least 20 centimeters away from the router.
- The router may interfere with medical devices like hearing aids and pacemakers. Consult a physician or the manufacturer of the medical device before using the router.
- Do not use your router in dangerous environments such as oil terminals or chemical factories where there are explosive gases or explosive products being processed.
- Please use original accessories or accessories that are authorized by ZTE. Unauthorized accessories may affect the router performance, damage the router or cause danger to you.
- Do not attempt to dismantle the router. There are no user serviceable parts.
- Put the router in a place with good ventilation. To avoid device failure due to improper heat dissipation, do not wrap or cover the router.
- Do not expose the router to direct sunlight.
- Do not allow children to play with the router or charger.

Warning and Notice

- The router is for indoor use only. Do not use the router outside. Do not connect telephone extensions which run outside of the building. These can result in lightning damage to your unit.
- Use an antistatic soft cloth to clean the router. Do not use cleanser with chemical or corrosive properties. Power off the router before cleaning.
- The recommended environment temperature is -10°C to $+55^{\circ}\text{C}$, and the humidity is 5% to 95%.
- Do not use the router during thunder storms. Unplug the router power connector from the socket.
- Do not take out the (U)SIM card when the router is in use. The generated static electricity may damage the card or lead to information loss.

Limited Warranty

This warranty does not apply to defects or errors in the Product caused by:

- i. Reasonable abrasion.
- ii. End User's failure to follow ZTE's installation, operation or maintenance instructions or procedures.
- iii. End User's mishandling, misuse, negligence, or improper installation, disassembly, storage, servicing or operation of the Product.

Warning and Notice

- iv. Modifications or repairs not made by ZTE or a ZTE-certified individual.
- v. Power failures, surges, fire, flood, accidents, actions of third parties or other events outside ZTE's reasonable control.
- vi. Usage of third-party products, or usage in conjunction with third-party products provided that such defects are due to the combined usage.
- vii. Any other cause beyond the range of normal usage intended for the Product.

End User shall have no right to reject or return the Product, or receive a refund for the Product from ZTE under the above-mentioned situations.

This warranty is End User's sole remedy and ZTE's sole liability for defective or nonconforming items, and is in lieu of all other warranties, expressed, implied or statutory, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, unless otherwise required under the mandatory provisions of the law.

Warning and Notice

Limitation of Liability

ZTE shall not be liable for any loss of profits or indirect, special, incidental or consequential damages resulting from or arising out of or in connection with using of this product, whether or not ZTE had been advised, knew or should have known of the possibility of such damages, including, but not limited to lost profits, interruption of business, cost of capital, cost of substitute facilities or product, or any downtime cost.

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