

ZTE MF626 HSDPA USB Modem
User Manual

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1 Modem Introduction

1.1 Introduction

Thank you for using ZTE MF626 HSDPA USB Modem.

To guarantee the modem always in its best condition, please read this manual carefully and keep it for further use.

The pictures, symbols and contents in this manual are just for your reference. They might not be completely identical with your modem. We operate a policy of continuous development. We reserve the right to update the technical specifications in this document at any time without prior notice.

The ZTE MF626 HSDPA USB Modem is a type of multi-mode, 3G modem, suitable for GSM/GPRS/WCDMA/EDGE/HSDPA network. It adopts USB interface which provides an easy interface to laptop and desktop PC. With the GSM/ GPRS/ EDGE/ UMTS/ HSDPA mobile network, it can help you carry out SMS, data service and will help you break away from the limit of time and zone, and realize wireless communication at any moment everywhere.

1.2 Warning and Notice

To the owner

- n Some electronic devices are susceptible to electromagnetic interference sent by modem if inadequately shielded, such as electronic system of vehicles. Please consult the manufacturer of the device before using the modem if necessary.
- n Operating of laptop and desktop PC and modem may interfere with medical devices like hearing aids and pacemakers. Please always keep them more than 20

centimeters away from such medical devices when they are turned on. Turn the modem off if necessary. Consult a physician or the manufacturer of the medical device before using the modem.

- n Be aware of the usage limitation when using a modem at places such as oil warehouses or chemical factories, where there are explosive gases or explosive products being processed. Therefore, turn off your modem if required.
- n Don't touch the inner antenna area if not necessary. Otherwise it will affect your modem's performance.
- n Store the modem out of the reach of little children. The modem may cause injury if used as a toy.

Modem

- n Please use original accessories or accessories that are authorized. Using any unauthorized accessories may affect your modem's performance, and violate related national regulations about telecom terminals.
- n Avoid using the modem near metallic structure device or establishment that can emit electromagnetic wave. Otherwise it may influence receiving signals.
- n The modem is non-waterproof type, please keep it dry and store in shady and cool place.
- n Don't use the modem immediately after a sudden temperature change. In such case, it will produce dew inside and outside the modem, so don't use it until it becomes dry.
- n Take the modem carefully. Don't lose, bend or cause it struck. Otherwise it will lead to destruct damage.
- n No dismantling by non-professional and only qualified maintainer can undertake repair work.

1.3 Applicability Scope

ZTE MF626 HSDPA USB Modem supports the present mainstream types of laptops and desktop PCs, such as HP, IBM, Toshiba, Lenovo, Dell, Sony, etc.

1.4 System requirements

Operating System: Windows 2000 / XP / Vista, and MAC OS X 10.3, 10.4, 10.5

Configuration (Recommended):

CPU 500MHz Pentium or above
Hard Disk 20M or above
RAM 128M or above

The performance of the modem may be influenced if configuration is under the recommended requirement.

1.5 Functions

Functions: SMS service, data service, applied management, data concurrence, support MicroSD card, etc.

1.6 Specification

Interface Type	USB 2.0 high speed
Systems supported	Supports most types of laptop and desktop PC.
Operating systems	Windows 2000, XP SP2, Vista Apple MAC OS X 10.3, 10.4, 10.5
Functions	SMS service, Data service, Applications management, Data concurrent, support MicroSD card, etc.
Network Standards.	HSDPA/UMTS/EDGE/GPRS/GSM
Frequency band	HSDPA/UMTS: 2100/1900/850MHz
	GSM/GPRS/EDGE: 1900/1800/900/850MHz
Transmission	UMTS: 384Kbps UL
	HSDPA: 3.6Mbps DL

Temperature	Storage: -20°C ~ +60°C
	Operation: -10°C ~ +55°C
Dimension	69 mm x 26.5 mm x 12 mm
Weight	About 40g
T-flash Capability	Support up to 2G microSD

1.7 LED indications

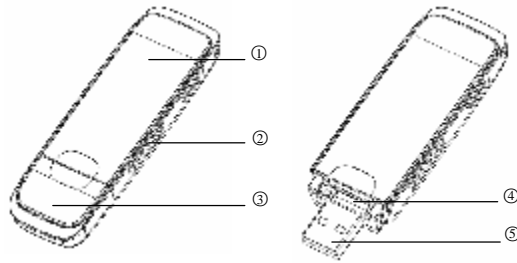
In the USB Modem there is a multi-colour-LED (light), which shows the status of the modem, using different colours and flash-signalling. In this table below an explanation is given of all different situations:

Indicator	Modem status
Red burning	Error Status, or Modem not ready yet, busy starting up
Green blinking	Attached to 3G network
Green burning	Active connection via 3G network
Blue blinking	Attached to 2G network
Blue burning	Active connection via 2G network

2 Installation

2.1 Outline and parts

The following figure shows the appearance of the MF626. It is only for your reference. The actual product may be different.



① Indicator

It indicates your modem status.

② Memory card slot (microSD card)

It is where you insert memory card (microSD card).

③ Modem cap

It protects your modem USB port when it is not used.

④ SIM/USIM card slot

It is where you insert the subscriber identity module/UMTS subscriber identity module (SIM/USIM) card

⑤ USB connector

Connect your modem to the laptop or desktop computer.

2.2 Hardware Installation

1. Insert the SIM/USIM card into the USB Modem:

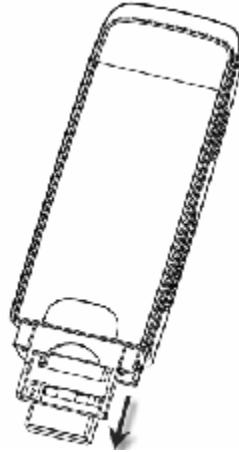
First, you should insert your USIM/SIM card into the USB

Modem, and confirm that your SIM/USIM card support data service, GPRS, EDGE, UMTS or HSDPA etc. If you have questions on this, please consult your service supplier.

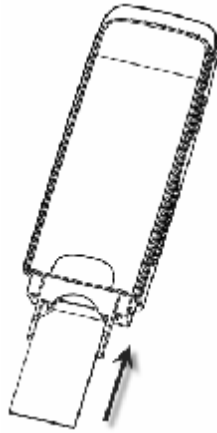
To install SIM/USIM card,

- I First take down the modem cap, then the USB connector is visible.
- I Pull the plastic socket above the USB connector out.

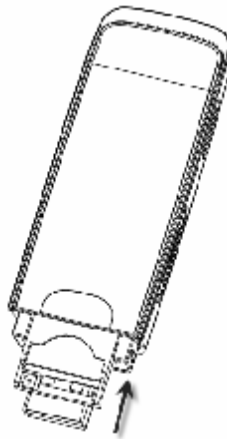
Note: Do not pull the socket rudely for the socket is fixed with the modem. Otherwise the socket will get damaged.



- I Then insert the SIM/USIM card into the socket, here make sure that metal contact area facing to the modem.

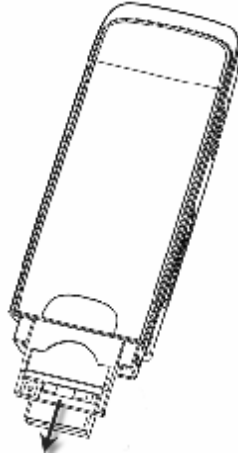


- I Insert the plastic socket into the modem. You can hear a click when the SIM/USIM card locks into place.

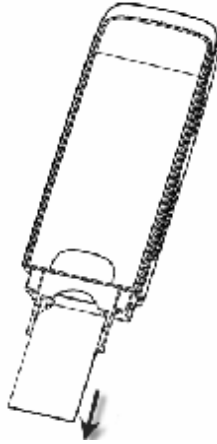


To Remove the SIM/USIM card from the USB modem,

- I First take down the USB cap.
- I Pull the plastic socket slightly, and you can hear a click when the USIM/SIM card gets unlocked.



- I Take off the SIM/USIM card.



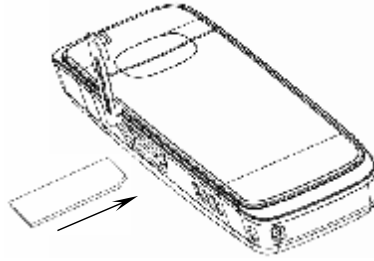
I Insert the socket into the modem.

2. Install memory card

You can use a compatible MicroSD card to save more data. Only MicroSD card is supported by the modem and do not use other memory card in the modem. Install MicroSD card in the USB Modem, if you want to use it.

I Open the MicroSD card cover.

I Insert the MicroSD card into the slot. Make sure the metal contact side of the memory card facing the modem shown as the following picture.



- I Then close the MicroSD card slot cover. The driver of the MicroSD card will installed automatically when the modem driver is installed.


Note: maximum 2GB MicroSD card is supported

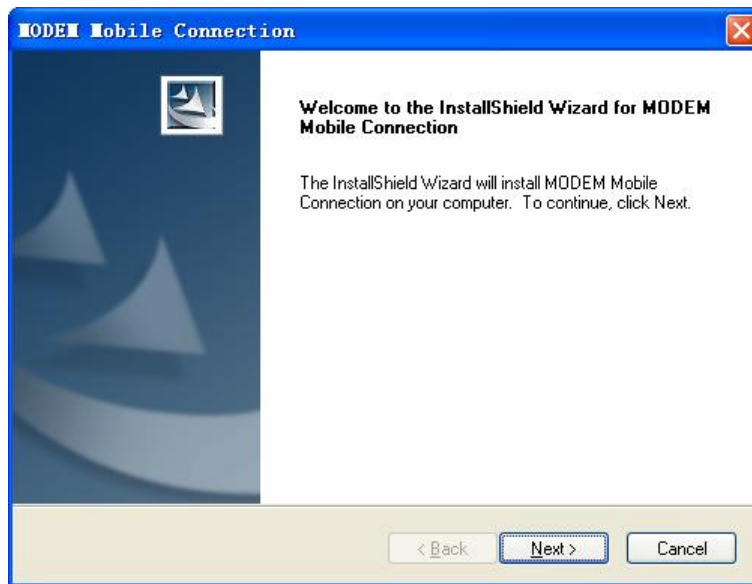
3. Connect the USB Modem to your laptop or desktop PC:

- I Connect the USB Modem to the USB port and ensure that it is tightly inserted.
- I The modem will be automatically recognized.
- I The system will automatically detect and recognize the new hardware and display the new icon in the desktop status bar, indicating that the computer and the USB Modem have been connected properly. After a few seconds, the installation program will start automatically.

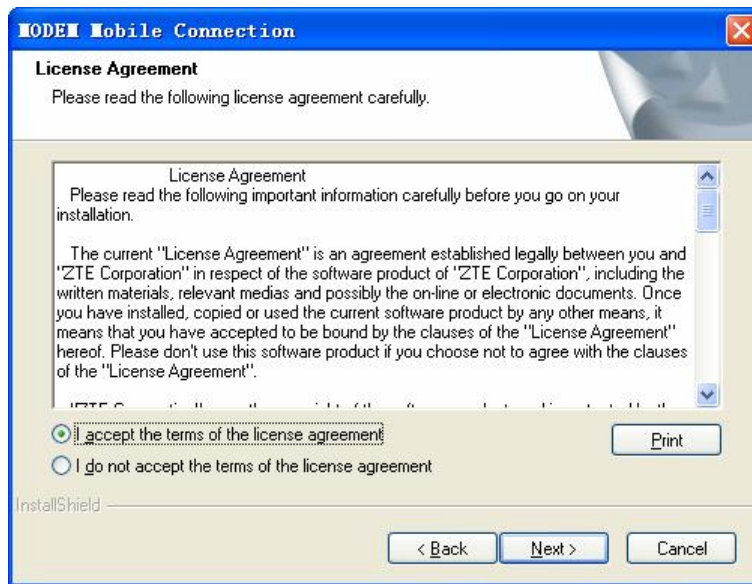
2.3 Software Installation

The system will automatically detect and recognize the new hardware and display the new icon in the desktop status bar, indicating that the computer and the USB Modem have been connected properly. After a few seconds, there will show the following installation interface if the laptop and desktop PC supports automatic installation.

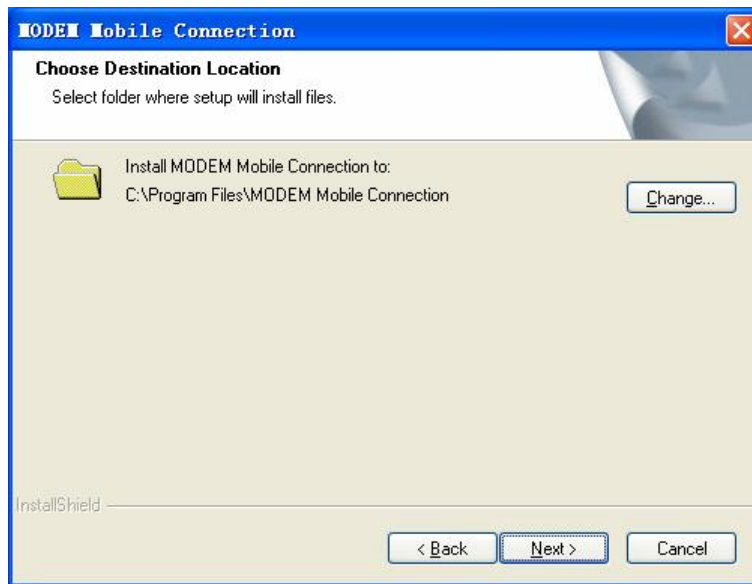
If the laptop and desktop PC doesn't support automatic installation, start the installation program by run the *AutoRun.exe*  from the CD-ROM drive. The following installation interface will show how to start installation.



Strongly recommend you to exit other programs, and click "Next".

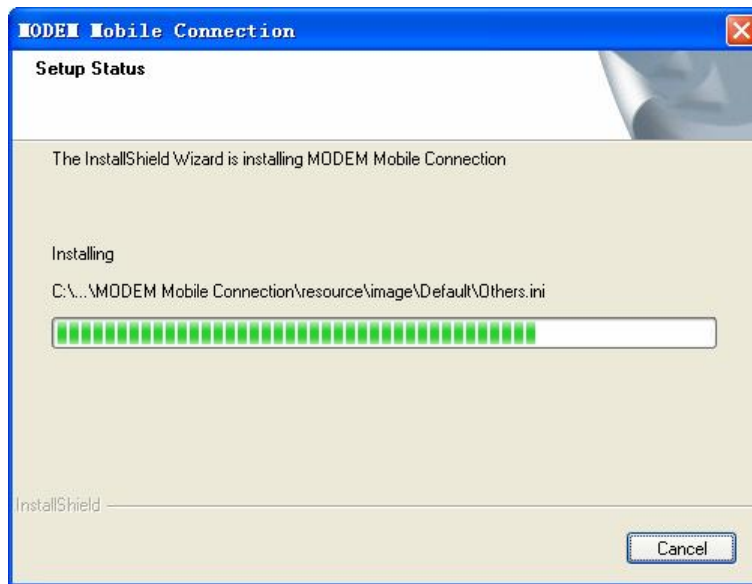


Read the agreement carefully. If you agree, choose "I accept the terms of the license agreement", and then click "Next".

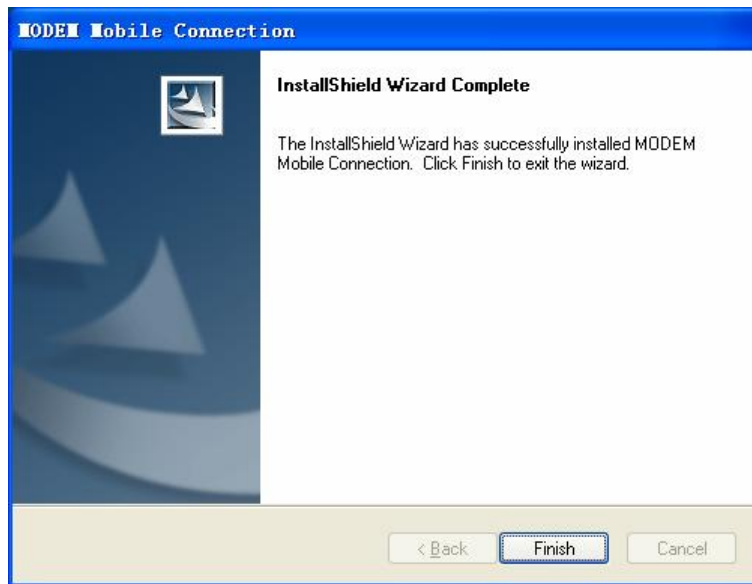


Select the folder that you want to install the software, and you can select a different location by pressing “Change”, then click “Next”.

The modem software “ZTE Mobile Connection” begins to install.



The system show the installation progress, wait a minute and the following screen will show up:



Click “Finish” to complete the installation.

Note: If you have problems with installation after the upper operation, please contact the shop or ZTE.

After the installation, select the “Start → Programs” and there will be a “MODEM Mobile Connection” program group, which includes “MODEM Mobile Connection” and “MODEM Uninstall”. There will be a Shortcut icon like below on the desktop.




2.4 Run the Application Software

After the modem is correctly connected, click the “Start → Programs → ZTE Mobile Connection → ZTE Mobile Connection” menu on the laptop or desktop PC to run the application software.

Or double click the shortcut icon, to run the application software.




After modem initialized, main interface appears. When the standby icon  appears in the taskbar, the modem can work properly.

2.5 Hardware Uninstall

Close the software application then remove the hardware following the procedure below.

- Firstly click the “close” button on the menu, and then click “OK” to close the software.



- Then remove your USB Modem safely.
- When you use a MicroSD card in the modem:
- Please left click the icon  in the Windows system

tray bar. Then a menu will popup and indicates the USB devices list as below:

Safely remove USB Mass Storage Device - Drive(H:)

- Select “Safely remove the USB disk” which is relevant to the MicroSD card.
- Pull out the USB modem directly, if you want to disconnect the modem from the laptop or desktop PC.

2.6 Software Uninstall

Close the application program before the software uninstalls.

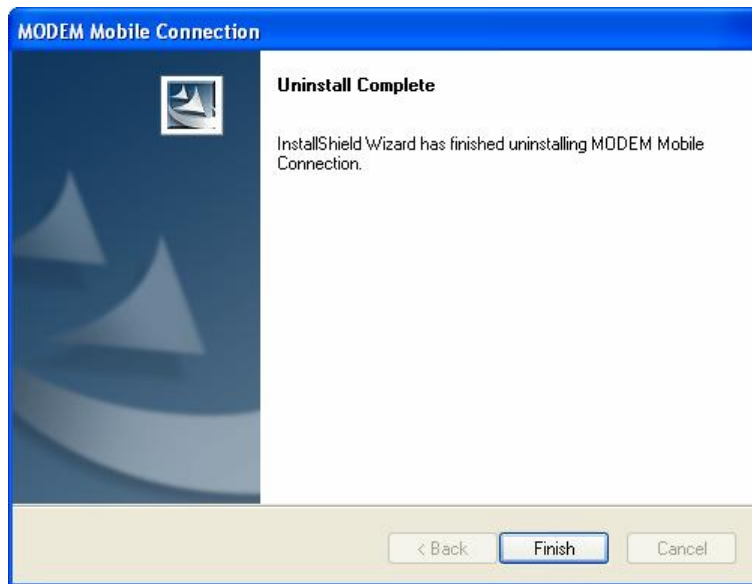
Click “Start→ Programs→ ZTE Mobile Connection→ ZTE Uninstall” menu on the laptop or desktop PC.



Click “Yes” to confirm uninstall of the software.



Click “Yes” according to the indication, then the system begins to uninstall programs, wait a minute and the following screen will appear:



Click "Finish" to complete the application software uninstall.

3 Functions & Operation

3.1 Interface introduction

3.1.1 Main Interface

The starting screen of the USB Modem software is shown as the following:



The whole interface is divided into three parts. Related functions can be executed by operation in the related areas.

1. Function button area:

There will show various function button icons. Select different function button and it will carry out corresponding operation.



Internet: Connect to the Internet.



SMS: Send SMS or read SMS.



Phonebook: Save and view the different information of the contacts.



Settings: Set normal relative information for the modem.







Help: System information for Help.

2. System information area:

Show the system status and different kinds of tips.

Icon	Explanations
	The icon indicates the network signal intensity. There are 6 stages from none to the strongest.
	The icon indicates there are new SMS at present.
	The icon indicates the current status of Internet connection is not connected.
	The icon indicates the current status of Internet connection is already connected.
	The letter "P" means it supports packet-switch (P) service, while letter "C" means it supports circuit switch (C) service. "P" is necessary for Internet connection.
	The icon indicates insert status of the modem. Green means it has been inserted into the computer.
	The icon indicates insert status of the modem. Red means it has not been inserted into the computer.
	The icon indicates insert status of the modem. Yellow means it has been inserted into the computer but in offline status.

Icon	Explanations
	The icon indicates insert status of the SIM/USIM card to the modem. Green means the card has been inserted.
	The icon indicates insert status of the SIM/USIM card to the modem. Red means it has not been inserted.
	The icon indicates the current network type, i.e. EDGE or GPRS, HSDPA service.
	The icon indicates the current network type, i.e. EDGE or GPRS, HSDPA service.

3. User Area:

Show the man-computer interaction information under various conditions.

3.1.2 Description of Mini Icons

When click the mini button, the software will minimize as an icon on the system taskbar. If connected to the Internet, the minimized software won't influence the download of data or receiving SMS. When the application window is minimized, the system icons will display on the taskbar. Double click the icon to resize the display.

1. Taskbar Icons Description:



The USB Modem has been inserted into the computer.



The USB Modem is not inserted into the computer.



The USB Modem is offline.



UIM/SIM card is not inserted.



No network signal.



There is a new message.



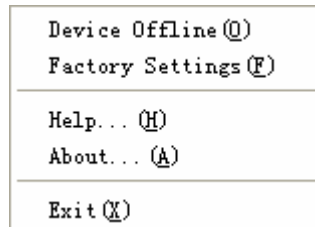
The USB Modem is ready to connect to Internet.



The Internet is already connected.

2. The uses of Tray Icons:

Right Click the tray icons, the following menu will appear:



Device Offline/Device Online: Switch the current connection status of the modem and the network.

Factory Settings: Restore all the settings to the original values in the USB modem. This operation just affects the settings in the USB modem and do not change any software settings in the laptop or desktop PC.

Help: Enter the USB modem software help.

About: View the information of the application software and hardware versions.

Exit: Close the software and stop the modem from working.

3.2 Connecting Internet

You can browse web pages after you have accessed to Internet with the help of modem, you can also receive SMS when surfing in the Internet.

1. Connect to the Internet:

Click the Internet icon. Then the system will ask you “Connect to Internet?” Select “Connect”.



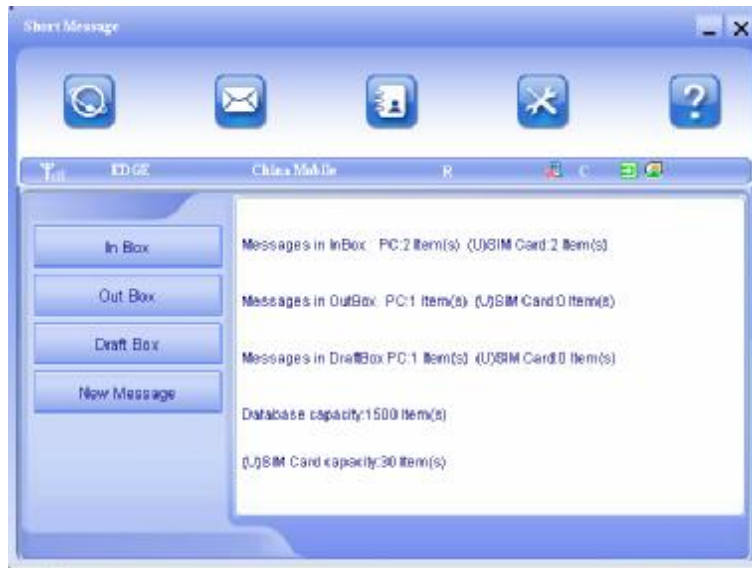
When connected, there is a status bar in the bottom of the user area which shows “State: connected to ...”, and the user area will show data amount, connected time and so on. Then you can access Internet and receive email etc through network.



You can click “Disconnect” to stop the connection when the “Connect” button becomes “Disconnect” button,

2. Internet connection records:

Click “Internet connection records” [Internet connection records](#) to check the log of Internet connection history.



InBox: Save the received messages.

OutBox: Save the successfully sent messages.

Draft box: Save the editing SMS which haven't been sent. The drafts can only be saved in computer, not USIM/SIM.

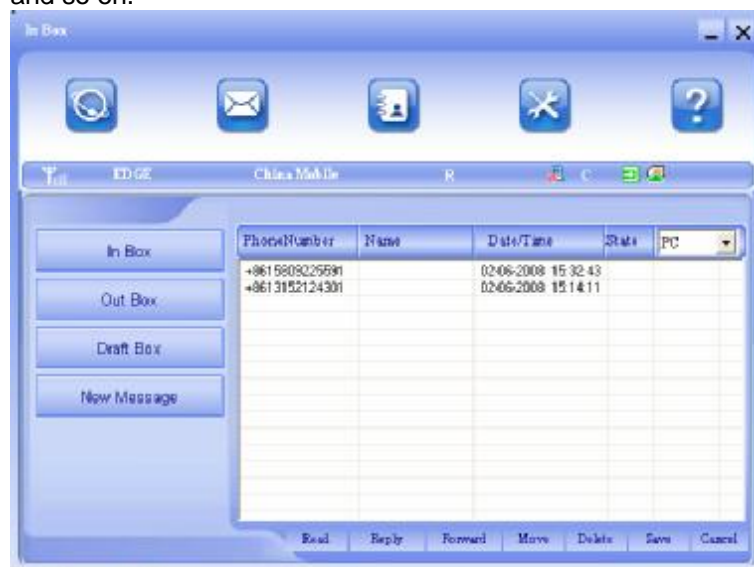
New Messages: Write a new message.

For example: "Message in InBox PC : 2 Item(s) (U)SIM Card: 1 Item(s)" means: The PC side has 2 short message and there are 1 short messages in the Inbox of the SIM card , "SIM Card capability" means the SIM card can hold 30 short messages. Different SIM/USIM cards will have different capacities. For more information, please consult your supplier. It will show the capacity automatically in usage, like the above "30".

3.3.1 Read SMS

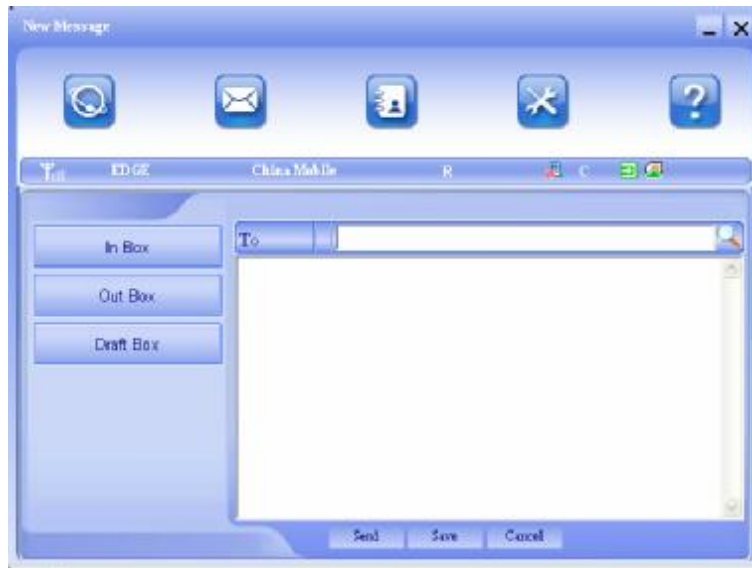
Click the **"Inbox"** button on the main interface or click new message icon on the system taskbar to read the SMS saved in the box. .

You can use the buttons under the menu to execute reading, replying, forwarding, move, delete, saving numbers functions and so on.



3.3.2 Create new message

Click **"New Message"** button to input the recipient's number and content.



The recipient's number can be input directly or by entering the phonebook to select one/more/group records.
The recipient's amount can be one or more. Please use “;” to separate recipients.
The SMS content can include 140 individual English characters (including English symbols. On the interface, there will show total characters.
Click “**Send**”, the prompt screen like bellow will appear on the interface.



Select "Yes", and then the edited short messages will be sent. After sent successfully, the SMS will be saved into outbox automatically. If send fails, it will be saved to the draft box automatically.

Send SMS while browse the web:

When surfing the Internet, if your network supports, you can send short messages at same time. Click "**SMS**" button icon, enter the short message interface to send short messages normally.

3.3.3 The SMS box Operating Guide

Enter any of the **InBox/OutBox/DraftBox** to execute the following functions:

Read: Read all the information of short messages. (The content of short messages, sender's phone number, delivered date and time)

Reply: Reply short message to the sender.

Forward: Send the short message to other recipients.

Move: Change the current location (at computer side or USIM/SIM card) where the short messages are saved to the other location. When the modem receives new short messages, by default messages settings it will receive the messages by the USIM/SIM card and save them at the computer side.

Delete: Delete the selected short messages.

Save: Save the sender number obtained from the message to phonebook.

Cancel: Return to the SMS interface.

If you want to select several messages, you can use the "Ctrl" or "Shift" key to execute multi-choice, and left click an item to add to selection.

New message can not be received when the USIM/SIM card is full of short messages (Different USIM/SIM cards have different capacities), the system will indicate the inbox is full and ask users to clear the inbox at USIM/SIM card side, while new message can not be saved.

3.4 Phonebook

Click "**Phonebook**" icon to access to the phonebook window, the phonebook information can be saved in the PC or SIM/USIM card and you can choose the saved position. Each record includes contact name, mobile phone number, family phone number, office phone number, email and the group name which it belongs to.



3.4.1 Creating a new contact

- 1) Click **New** – **New Contact**.



- 2) Select **save position** to decide where you want to save your contact, **PC** or **SIM/USIM**.
- 3) Enter the name, telephone number, Email address. Then click **OK**.

3.4.2 Modifying contacts

- 1) Select a contact to modify and then double-click it or click **Edit**.
- 2) After the modification, click **OK**.

3.4.3 Deleting contacts

- 1) Select one or more contacts and then click **Delete**.
- 2) At the prompt, click **YES**.

3.4.4 Sending SMS to a contact

- 1) Select one or more contacts and then click **SMS**.
- 2) You will access in the writing SMS window automatically, the selected contact mobile phone numbers will be listed in the receiver column.
- 3) Enter the contents of the message and then click Send.

3.4.5 Searching for a contact

- 1) Enter the search conditions in the search condition blank.
- 2) Click **Search** begin searching.
- 3) The searching results will display in the contacts window.

3.5 Settings

Click "**Settings**" icon to switch to the settings interface. It includes: Connection settings, Security settings, Network settings, Messages settings, Alert settings.

Note: all the necessary settings have been correctly saved in your USB modem by ZTE. There is no need to change these default settings.

3.5.1 Connection Settings



To ensure that the modem can connect the Internet properly, you should configure the connection information first.

1. Button description

Add: Add new configuration files.

Delete: Delete the selected configuration files.

Edit: Edit the selected configuration files.

Set Default: Select one configuration file from the list, and set it as the current using files.

2. Config File

Select “add” to add new connection information to the system. The “Config File” screen will popup:

The screenshot shows a 'Config File' dialog box with the following elements:

- Config Filename:** Text input field.
- Dial Number:** Text input field.
- User Name:** Text input field.
- Password:** Text input field.
- Save User Name and Password
- Obtain User Name and Password
- Obtain APN address automatically
- Use the following APN name
- APN:** Text input field.
- PDP Type:** Radio buttons for IP, PPP, and PPPoE.
- Subscription Mode:** Radio buttons for GPRS and EDGE.
- Obtain DNS server address automatically
- Use the following DNS server address
- Preferred DNS:** Text input field.
- Alternate DNS:** Text input field.
- Obtain PDP address automatically
- Use the following PDP address
- Address:** Text input field.
- Buttons:** 'OK' and 'Cancel' at the bottom.

The configuration information includes: Config Filename, Dial Number, User name, Password, APN, DNS, and PDP address. If network supports “Obtain server address automatically”, the modem can obtain the assigned IP information automatically. If network does not support it, you should input the proper address manually. Please consult the network supplier of SIM/USIM card for all above information. The configuration information may be various according to the different network suppliers and network types.

3.5.2 Security Settings



1. Enable the PIN Code:

When “**PIN enable**” item is selected, please enter PIN code to use the modem and you can click “**Revise PIN**” to modify the number.

2. Backup Phonebook and SMS:

If the item is selected, it means that the Phonebook and SMS will backup manually in the computer side. If you operate the data by mistake, you can click the “**Resume**” to restore to the previous data.

3.5.3 Network Settings



1. Select Network:

Automatic: The system selects the network automatically by the user's selected rules and the network status.

Manual: The network is selected by users themselves.

2. Network Mode Select

Automatic: The system selects the available network automatically.

UMTS Only: The system will only select the UMTS network.

GSM Only: The system will only select the GSM network.

3. Manual Select

When the **Manual** is selected, click the **Apply** button, pop-up the following window:



Wait a minute, the supplier list will show in the windows and which with the blue and green icons can be selected. Select a proper network to connect.



Select the network that the supplier is utilized to serve your USIM/SIM and press “Select” to enter the network.

3.5.4 Messages Settings



Message Center: Set the corresponding SMS center number the network supplier. You must input the correct SMS center number to use the SMS properly and the number will be provided by the network supplier. Please enter the country code before the number.

Validity period: Set the time limit for saving SMS in the network side. (This function needs network supports.)In option: 12 hours/A day/A week/The longest period. The default setting is the longest period permitted by the network.

Location of Saving New SMS: Select “Default” to save in location set by network. Select “USIM/SIM Card” to save in USIM/SIM card; select “PC” to save in laptop or desktop PC.

3.5.5 Alert settings



You can set “Connection alert, Disconnect alert and Incoming SMS alert” by yourself. These alerts will sound on the PC side. The audio file supports MP3、WAV、WMA and MIDI format. If you select “**Mute**”, you cannot hear corresponding alert.

3.6 MicroSD card

When you use microSD card in the modem, the system will display the MicroSD card as a removable disk. You can use it freely. It is convenient for you to check the contents in your MicroSD card.

3.7 Help

Click “**Help**” icon, and switch to the help interface. Under the help topic, you can get the USB Modem information about function introductions, installation and usage guide, etc.

4 FAQ & Answers

When you meet the following problems in service, please refer to the following answers to solve it. If the problems still exist, please contact with your suppliers.

Problem Description	Possible Causes	Problem Solving
The system can not run the installation program automatically.	The system configuration is not suitable for the auto run.	Open the visual disc of the modem program and start the autorun.exe. If you have installed the other version of installation program please uninstall it firstly.
After the full installation, the system doesn't install the driver program properly.	The system configuration is not suitable for the auto run.	Please install the driver program manually. The driver program can be found in the installation address: C:\Program Files\SMART BRO\drivers
After the modem is plugged in, the UI program doesn't run automatically.	The system configuration is not proper.	Please open the UI program manually. You can find it in the Windows Quick start menu or the shortcut on the desktop.

Problem Description	Possible Causes	Problem Solving
After restarted the computer, there is no signal.	1. The position of the USB Modem inner antenna is unfitting.	1. Adjust the angle and position of the USB Modem.
	2. You are in the place where no GSM/GPRS/EDGE/WCDMA/HS DPA network covered , such as underground parking lot, tunnel etc.	2. Change to the places where there is good signal.
When the USB Modem has been plugged in, computer cannot find the visual disc of the USB Modem.	1. The installation programs of the USB Modem haven't been installed properly.	1. Run the installation program first, then insert the modem. If you use the WinXP operating system, install the drivers according to the Windows indication information to operate.
	2. The modem isn't inserted well.	2. Restart the computer, or insert the modem again.

Problem Description	Possible Causes	Problem Solving
	3. The SIM/USIM card isn't inserted well, such as inserted in reverse.	3. Insert the SIM/USIM card correctly again. Make sure the metal contact side should be inserted inside
Message sent failed.	1. The SMS center number isn't correct.	1. After consulted with service provider, configure the right number in Message settings.
	2. The network is busy and other reasons.	2. Try later.
Date connection failed.	1. You are in the place where no GSM/GPRS /EDGE/UMTS/HSD PA network covered, such as underground parking lot, tunnel etc.	1. Change to the place where there is good signal.
	2. The network at this time in this place is busy now.	2. Try later.
	3. The APN in the configuration files is error.	3. Check the APN in the configuration file in the " Config file".

Problem Description	Possible Causes	Problem Solving
	4. The modem data is error.	4. It is perhaps the GPRS or WCDMA network problem and please contact with the local supplier in time.
	5. The network type selected by manual is wrong.	5. Select the correct network type according to the type of the SIM/USIM card.
Connected to the Internet, but it cannot open any website page.	1. After connection, there is no data transfer, which resulted that you can not open web pages.	1. Check that the APN in the Configuration files is correct or not.
	2. The IE browser got problems.	2. If the IE gets problems, upgrade to the new version or reinstall the IE browser.

Problem Description	Possible Causes	Problem Solving
	3. The operating system is infected by virus (Such as Worm Blaster which can take up a quantity of upload data flow and result that it can't receive downloaded data flow so that you cannot open any website.)	3. Use the professional anti-virus software to check and kill the virus in the operating system completely.
	4. You have connected to other APN. which cannot connect to the Internet.	4. Consult the shop or ZTE.
The Modem cannot connect to the Internet in other places	Your USB Modem is not permitted to roam in your network.	Connect with the shop or ZTE.
No warning tone	No audio card is fixed in computer or the volume is too small.	Check the audio card and adjust the volume properly.
My MicroSD card can not read or not found	Check the MicroSD card capacity, the maximum supported capacity is 2GB	Use another MicroSD card with a maximum capacity of 2GB