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1. Introduction

Thank you for choosing AC8720 CDMA2000 1X Wireless USB Modem (hereinafter referred to as USB Modem) of ZTE Corporation.

The USB Modem equips with a standard USB interface and supports CDMA2000 1X network. In the area where there is signal, it allows you to go surf the Internet, send & receive short messages, and make & receive phone calls.

The USB Modem adopts two designing options: R-UIM and Built-in UIM, which make your operation more flexible.

The pictures in this guide are only used to demonstrate your USB Modem's functions, so they are maybe different from what you see on your USB Modem. Please refer to your USB Modem if they are differences.

2. Precautions

- Use the original accessories or those authenticated by the manufacturer. Using any unauthenticated accessories may affect the USB Modem's performance, violate the warranty provisions or relevant national regulations about telecom terminals, or even cause body injury.
- Do not disassemble, modify, frequently pull/plug the antenna, stretch, rotate or bend the antenna with great force.
- Before pulling out the USB Modem, please use Windows safely removing the hardware and make sure to exit the application. Do not directly pull out

the terminal to avoid the damage of USB Modem or the influence on the normal operation of operating system.

- Do not forcefully plug/pull the USB Modem to avoid the damage of connector.
- Do not use your USB Modem near weak signal or high-precision electronic devices. Radio wave interference may cause misoperation of electronic devices or other problems.
- Turn off your USB Modem on airplane where it's forbidden to use it. The USB Modem may affect the normal operation of electronic devices, therefore please follow the relevant regulations when using your USB Modem on airplane.
- Turn off your USB Modem in hospital where it's forbidden to use it. The USB Modem may affect the normal operation of medical apparatus, therefore please follow the relevant regulations when using your USB Modem in hospital.
- Please do not use the USB Modem near flammable or explosive materials; otherwise it might cause failure or fire.
- Keep your USB Modem away from water. This may cause overheating or failure if water or any other kind of liquid enters your USB Modem. Please do not use your USB Modem near high temperature, damp or dusty place.
- Keep your USB Modem away from children to avoid shock, plunge or impact. It may cause body injury when the USB Modem is used as a toy.

3. Appearance

3.1 Introduction

Tap

USB Interface

UIM Card
Cover

Antenna
Jack

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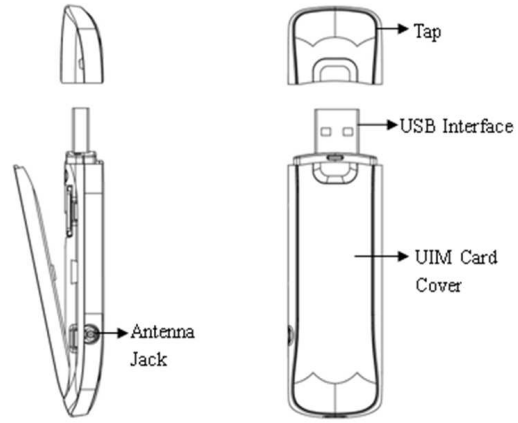
3.2 Operation Guide of Data Cable

Generally, the USB Modem could be directly connected with USB port. You could also connect the USB Modem with PC by using the accompanying data cable, as shown in the following figure. Connect Interface with USB Modem, and interface with PC's USB port. If the power supply from USB port is insufficient, connect both interface and with USB port together.

4. Install and Uninstall

4.1 System Requirements

The USB Modem supports the following operating system:

➢　　Windows 2000/XP/Vista/7
➢　　MAC

PC minimum configurations:

CPU	Pentium-II/233MHz
USB interface	2.0 (USB1.0 and 1.1 compatible)
Optical Drive	CD-ROM (for installation only)
Memory	64 MB
Disk Space	50 MB (used for installation of application)

4.2 Installation

Take Windows XP as an example.

1. Please connect USB Modem to PC through USB interface. You could also use data cable to connect.

2. The installation will automatically start. Please follow installation wizard.

3. The system will automatically find new hardware and install the driver. Wait for a while. Click "Finish" to complete installation.
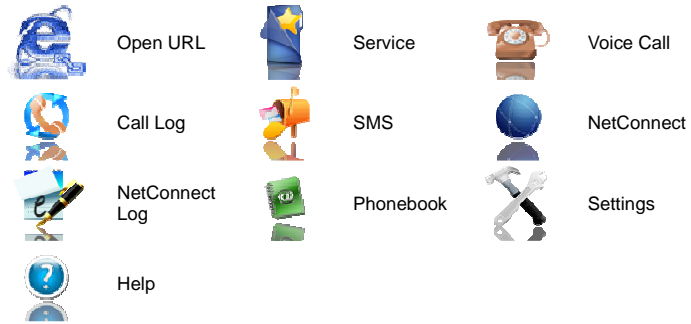
4.3 Uninstallation

1. Select Start Programs (Appropriate Uninstall), and system will prompt you to confirm whether you want to remove the program. Click "Yes" to uninstall.

2. Please wait and then click "OK" to complete uninstall.

5. Run the Application

After the application is installed successfully, the application icon will appear on your desktop. Double-click this icon or select from **Start ➝ Programs ➝ (Appropriate Application)**. Run the application to display the user interface. The icons on the interface are used to access the function, which indicate as below:

Open URL	Service		Voice Call
Call Log	SMS		NetConnect
NetConnect Log	Phonebook		Settings
Help			

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Status Bar:

	1X indication		Call indication
	Signal strength indication, the more bars there are, the stronger the signal is		Missed call indication
	CDMA network unavailable		Unread message indication
	Connection indication		Inbox full indication
	Sleep indication		No R-UIM card inserted indication
	Roaming indication		

⚠ *Note:*

Some features like Voice Call, Call Log, SMS, and Phonebook may not be supported by your USB Modem; the corresponding icons will not appear in the main window.

6. Open URL

Click ![IE icon] button to directly connect the URL you set in "Settings". For details on the URL settings, please refer to Chapter "Settings".

7. Service

Click ![service icon] icon to enter the value-added services such as Google searching.

8. Voice Call

(If this feature is not supported by your USB Modem, please skip over this chapter.)

Click ![phone icon] to enter Voice Call interface.

Make a call

Click the digits in the right side of the interface, or input the digits directly from

keyboard. Press ![C button] button or press "Backspace" to delete the previous input

digit; press button or press "Esc" to clear all the inputs.

Click button in the right side of the interface or press "Enter" to make a call.

Receive a call

When there is an incoming call, your computer will alert and the incoming caller ID will appear on the interface.

Click button in the right side of the interface or press "Enter" to receive the call.

Click button or press "Esc" to reject the call.

Redial the latest outgoing call

Click button in the right side of the interface.

Call Waiting

During a call, you could select to answer the second incoming call, and then you could switch between the two incoming calls.
Please firstly apply for this service from your local telecom operator.
During a call, if there is a new incoming call, a pop-up window will prompt you that you have the second incoming call.

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If you select to answer, please click "Accept waiting call" button. The previous call won't be ended, but temporarily paused.

You could switch between two incoming calls by clicking "Switch call".

Three-way Call

This function allows for the call among three parties. Please firstly apply for this service from your local telecom operator. You need set "Show 3 way call button during calling". Please perform the setting according to "Settings".

You could click "Dial second call" button during a call, input the third-party number in the pop-up window, and then press "OK" button to call the third party. In this case, the original call won't be ended, but temporarily paused.

If the third party answers the call, click "Start conference" to enter the conference call.

During three-way conference call, click "Hangup second call" button to end the conference call, and return to the original call.

9. Call Log

(If this feature is not supported by your USB Modem, please skip over this chapter.)

Click icon to view the Call Log. The outgoing/incoming calls are saved in Call Log, including missed calls, incoming calls, outgoing calls, and talk duration. You could select the type you want to view.

Missed/Accepted/Called Calls

Click [X] button to delete your selected record.

Click [🗑] button to delete all records in Missed/ Accepted/Called catalog.

Click [🗑] button to dial the number.

Click [📞] button to send a short message to this number.

Click [✉] button to save this number to the phonebook.

Statistic

Click [💾] button to clear the talk duration.

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10. SMS

(If this feature is not supported by your USB Modem, please skip over this chapter.)

Click [icon] icon to enter SMS interface.

Send a Message

1. Input the text and the recipient's number.

2. Input the recipient's number or click [button] button to select the recipient from phonebook.

3. Add more recipients if you like.

4. Click [button] button to send a message.

5. Click [button] button to save the text into Draftbox.

The received messages will be saved in the USB Modem In-box.

You could copy the messages from the USB Modem In-box to PC In-box by selecting Copy or Copy All; you could also copy the messages from PC In-box to the USB Modem In-box by selecting Copy.

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Take USB Modem In-box as an example:

Reply

Click [icon] to reply to the sender.

Forward

Click [icon] to forward this message to other recipients.

Dial Sender's Number

Click [icon] to dial the sender's phone number.

Save Sender's Number

Click [icon] to save the sender's number into phonebook.

Delete

Click [icon] to delete your selected records.

Clear

Click [icon] to delete all the records in the inbox.

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Copy

Click [icon] to copy your selected record into PC.

Copy All

Click [icon] to copy all the records from the USB Modem to PC.

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11. NetConnect

Connect

1. Click icon to set the relevant parameters. For details, please refer to "Settings".

2. Click to enter the interface.

3. Click .

4. After connecting to Internet, the LED on the interface turns green. Under Connected status, move the cursor to the LED to display the network flow information.

Disconnect

Click to disconnect from Internet.

Under this status, the LED on the interface turns red.

12. NetConnect Log

Click [icon] icon to view NetConnect Log. Connection records save the previous relevant information including Start at, Duration and Transmit bytes, which will help you to know the status easily.

By switching among "List", "Month" and "Statistic", you could inquire the records every time, by month or by time.

⚠ *Note:*

> *The relevant information contained in connection records are just for user's reference rather than the charging basis.*

Delete Connection Records

Click [×] button to delete the records you have selected on the interface.

Clear Connection Records

Click [🗑] button to delete all the records.

13. Phonebook

(If this feature is not supported by your USB Modem, please skip over this chapter.)

Click to view the Phonebook. You could select to save the contacts in the PC, Normal (USB Modem), R-UIM card and Emergent.

Take "Save the call history in PC" for example in the following:

Add

Click then input the contents and select "OK" to add a new contact.

Edit

Click then edit the contents and select "OK" to edit the contact information.

Search for contacts

Click to search for the contacts by name or number.

Delete

Click to delete your selected contact.

Delete All

Click [icon] to delete all the contacts.

Send messages from the Phonebook

Click [icon] to compose the text. You could send the message to multiple recipients.

Dial from the Phonebook

Click [icon] to dial your selected phone number.

Copy

Click [icon] to copy your selected contacts to other storage location.

Copy All

Click [icon] to copy all contacts to other storage location.

Import the phonebook

Click [icon] to import the phonebook (*.txt format) in PC to the terminal.

Export the phonebook

Click to export the phonebook (*.txt format) in the terminal to PC.

14. Settings

Click to enter the settings interface.

Network Connection Settings

Set the network parameters (phone number, username, password), work mode, etc.

After the setting, click "Apply" button to save the settings on the current interface.

Click "Default" button and then "Apply" button to restore the settings on the current interface to factory default.

Note: The default network setup parameters are as below. Different regions may have different network setup parameters, so please consult your local telecom operator.

Phone: #777

User: internet

Password: internet

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If your USB Modem does not support some following functions, please neglect relevant description.

Other Settings

Click "Options" to switch the interface, and you could set URL and language, etc. If you want to use conference call, please select "Show 3 way call button during calling";

After the setting, click "Apply" button to save the settings on the current interface.

Click "Change Password" button to set lock device. The password is required when you start the application. The setting has nothing to do with "Default" button.

Click the button "Enable Pin". PIN code is needed when the application is started. The setting has nothing to do with "Default" button.

Click "Default" button and then "Apply" button to restore the settings on the current interface to factory default.

Select ring tone

After clicking "Ring", you could set different ring tones for Unconditional forwarding, No answer forwarding, Busy forwarding and Call waiting.

After the setting, click "Apply" button to save the settings on the current interface.

Click "Default" button and then "Apply" button to restore the settings on the current interface to factory default.

Supplementary Services

After clicking "Service", you could set "Busy Forwarding", "No answer forwarding", "Unconditional forwarding", "Call waiting", etc. Double-click the selected option to modify the service number and forwarding number.

After the setting, click "call" button to send the corresponding request to the network system.

After the setting, click "Apply" button to save the settings on the current interface.

Click "Default" button and then "Apply" button to restore the settings on the current interface to factory default.

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15. Help

Click button to view the help file.

Click "Help" button to view the relevant help file; click "Help Online and Technical Support" to enter our company's website.

You could view the software version information under "About".

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16. RF Exposure Information (SAR)

This device meets the government's requirements for exposure to radio waves. This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the poser required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the device as reported to the FCC when tested for body, as described in this user guide, is 0.896 W/kg for CDMA2000 Cellular band body SAR with expanded uncertainty 21.9%.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.

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SAR information on this device is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID: Q78-AC8730.

For body operation, this device has been tested and meets the FCC RF exposure guidelines for use the positions the device a minimum of 0.5cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines.

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17. Trouble-shooting

Failures	Causes	Solutions
Error occurs during the program installation.	The setup file may be damaged.	Please download the program at website WWW.ZTEMT.COM and reinstall it.
Open port failed.	Directly run the software before the USB Modem is plugged in.	Close the software, plug in the USB Modem and run it again.
	The port is occupied by other applications, such as "Hyper terminal", or the software is already running.	Close relevant software and run the software again.
No signal indicated.	Out of the network service area.	Make sure it is in the CDMA network service area.
Dialing failed	Wrong setting of parameters. (Phone, User, Password.)	Correct the parameter settings. Consult your service provider for details.
	Network congestion or failure.	Try again later.
Internet connection failure.	The USB Modem is already connected.	Disconnect and Reconnect.
The installation program can't auto run. (If the USB Modem supports auto setup function.)	The program has already been installed in current system.	Firstly remove the original program and insert the modem again.
	Autorun function in CD-ROM is disabled because of installation of anti-virus software in the system, or Windows Vista system itself disables Autorun function by CD-ROM by default.	Open "My Computer" to enter CD-ROM disk icon, and double-click Setup.exe to install manually.

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Failures	Causes	Solutions
No CD-ROM disk icon in "My Computer".	CD-ROM icon will automatically disappear once the program is installed successfully.	This is normal. If you want to display CD-ROM disk icon, you could firstly remove the program and then insert the modem again.
	The program is not yet installed, and no other previous version was installed in the system.	Please restart your computer. Please contact your local operator or product technical support center if CD-ROM disk icon doesn't appear after your computer is restarted.
The driver might be unable to work and the application is unable to run normally if the modem is pulled out and plugged in again when the application is being used under Win2000 operating system (SP4).In this case, the device in device manager will be marked with yellow exclamation mark, and the system must be restarted to run normally.	The operating system needs installing Update Roll 1 patch for Win2K SP4.	Please download the patch from the following web site and install it. http://www.microsoft.com/downloads/details.aspx?familyid=B54730CF-8850-4531-B52B-BF28B324C662&displaylang=en

18. FCC Regulations

- 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.

- This device 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 radiated 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.

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

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