

Welcome

Thank you for your selecting this mobile phone.

Connect to the world with S108 CDMA mobile phone. Sophisticated features give you every practical advantage in today's world of fast paced communication.

Please read this manual detailedly before use.

FCC Interference Statement

The device complies with Part 15 of FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operations.

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 device generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this device does cause harmful interference to radio/television reception, which can be determined by turning the device 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 the 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.

WARNING:

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

SAR Information

- This device complies with Part 24 of the FCC Rules.
- This device meets government requirements for exposure to radio waves. This device is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the population. The guidelines were developed and confirmed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for device employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your device, the SAR limit is 1.6 W/kg. The highest SAR value for this device when tested for use at the ear is 0.111 W/kg and when worn on the body is 0.541 W/kg.

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1. Essential information

Given here is essential information that will help you in the optimum operation of your mobile phone. By adhering to these guidelines you will be protecting yourself from unnecessary personal or financial damages or infringements of the law. Kindly read the User Guide in its entirety for complete information.

1.1 Safety guidelines

1.1.1 Traffic regulations

Traffic and road safety regulations prohibit your usage of the phone while driving. If, however the need arises, please do make use of the hands-free settings or move your car to the side of the road out of the flow of traffic. In case you use an air bag equipped vehicle, please do not place your phone in the air bag deployment area, it could result in serious personal injury and possible property damage.

1.1.2 Switch off your phone at filling stations and sensitive areas

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fuelling areas such as fuel filling stations, below decks on boats, fuel or chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders; or any other area where you would normally be advised to turn off your vehicle's engine. Electric or static sparks in such areas could cause an explosion or fire resulting in serious injury or even fatalities.

1.1.3 Switch off your phone on aircraft

Follow airline advisories on phone usage. Radio Frequency emissions from wireless devices such as your phone can cause electronic interference or disturbance in the delicate communication and control electronic equipment of the aircraft.

1.1.4 Switch off your phone in the hospital

Switch off your phone in healthcare facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare facilities may be using equipment that could be sensitive to external RF energy.

1.1.5 Pacemakers and medical implants

The Health Industry Manufacturers Association (USA) recommends that a minimum separation of six inches (15 centimeters) be maintained between a handheld wireless product and medical implants (electronic) such as a Pacemaker to avoid potential interference with the implant. These recommendations are consistent with the international recommendations governing the usage of wireless technology.

Advisory for persons with Pacemakers:

- Always keep the phone more than six inches from your pacemaker when the phone is turned on.
- Do not carry the phone in a breast pocket.
- Preferably use the ear opposite the pacemaker to minimize the potential for interference.

If you have any reason to suspect interference is occurring, switch off your phone immediately.

1.1.6 Other medical devices

If you use any other personal medical device, do consult the manufacturer of the medical device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

1.1.7 Follow mandatory signs

Always follow phone etiquette in public places. Switch off your phone where the use of mobile phones is explicitly forbidden, as it may be a safety risk or might infringe on the law.

1.1.8 Emergency calls

Emergency calls can be dialed at anytime - even if the handset is PIN locked or has no RUIM card.

- Emergency call procedure:
Type in the local emergency number and press the send key.
Emergency call numbers are: 112/911

1.1.9 Electronic devices

Most modern electronic equipments are shielded from Radio Frequency (RF) energy

emissions. However, certain electronic equipment may not be shielded against the RF signals emitted by your phone and care must be taken in usage of your phone next to sensitive electronic equipment.

1.2 Care and maintenance information

Your phone is an electronic device that should be treated with due care during usage. The guidelines given here will help you in caring for your phone and keep it under warranty coverage.



Protect your phone from dust, temperature, humidity and other extreme environmental conditions as it will affect the performance or damage the instrument. Do not use or store your phone in a low temperature environment as moisture will condense in the phone and damage the circuit board.



Avoid striking, shaking or causing physical shock to the phone.



Protect your phone from rain, spilled beverages or other forms of moisture that can damage the electronics of your phone.



Use the batteries and fittings manufactured by Hangzhou Newsky Technology Co., Ltd. only. The use of other fittings may cause dangerous accidents and void all warranties.



Do not disassemble the phone or its accessories. If service or repair is required, contact a Newsky authorized service centre.



Do not inadvertently cause short-circuit by placing metal or conductive material across or on battery terminals.

- Keep your phone and accessories out of the reach of young children.
- Do not use chemical solvents or detergents to clean your phone.

2. Handset guide



Appearance

2.1 Keypad

2.1.1 Power /End key

Pressing and holding the key can switch on/off the mobile phone. Pressing the key can end a call during a phone call or reject an incoming call. Pressing the key in the menu can also return to the idle mode.

2.1.2 Send key

You can dial or answer a call with the key. In idle mode, pressing the key can lead you to the recent calls list.

2.1.3 Function keys

The Left/Right keys are used to carry out the corresponding operation of last line on

display screen, in accordance with the procedure are adopted to acquire different functions.

In idle mode, press left soft key to enter the Menu function, press right soft key to enter the Names function.

2.1.4 Four ways navigation key

The navigation keys can control the cursor directions. Left/right key can move the cursor in text editing mode left /right. Up/down key can scroll the cursor in a list up/down.

In idle mode:

Up key: Press this key to enter the Messages directly.

Left key: Press the key to enter the active the Contacts list.

Right key: Press the key to enter the Profiles menu directly.


Down key: Press the key to enter the active the Call history.

2.1.6 # (hash) key

In idle mode, you can press and hold  key to switch the Vibrate Mode on or off.

In text editing mode, press  key to change input methods.

2.1.7 * (star) key

In idle mode, press and hold  key to lock the keypad. By pressing any key, the screen displays message '**Key guard active, press 123 to unlock keypad**'. Then press 123 to unlock (no longer than 15 seconds between two clicks).

In text editing mode, press  key to switch to symbol mode.

2.1.8 Numeric keys

Pressing these keys can enter the digits 0 to 9 (in idle mode or in number-inputting mode) or some associated characters (text editing mode) and perform associated functions (in a list).

2.1.9 Volume key (up and down key in navigation key)

You can adjust the speaker volume using side keys directly during a call.

2.2 Idle mode screen

2.2.1 Screen indicators and icons

Depending on your wireless service provider, some or all of the following indicators and icons may be displayed on your phone's screen.

When the phone is powered on, the following icons may be displayed:

2.2.1.1 Battery level indicator

The Battery Level Indicator shows the representative charge held by the phone's battery. Bar segments within the Battery Level Indicator show the level of charge held. All bars visible indicate a full charge. If only one or two bars are visible, it means the battery is low.

2.2.1.2 New message

The icon is displayed on your screen when a new message arrives. The new message icon disappears when you read all the unread messages.

2.2.1.3 Full message

When the SMS storage is full, the icon appears and the phone display shows '**SMS capacity full. Please erase message to proceed**'

One or more messages must be erased before the new message can be stored.

2.2.1.4 Alarm clock

The icon appears when the daily alarm or the alarm for the specified date and time is set.

2.2.1.5 Scheduler

The icon appears when the scheduler is set.

2.2.1.6 Network

It shows the signal strength.

2.2.1.7 Profiles

You can easily alter the phone tone (e.g. the ringer volume, keypad tones, etc.) according to your environment.

When a profile is available, the icon corresponding to the profile name is displayed in idle mode:

Vibrate only: For use when vibrate only is needed.

Silent: For use when silence is needed.

General: Is the default setup.

Outdoor: For use in the outdoor.

Headset: For use when insert the headset.

2.2.2 Idle mode screen events

2.2.2.1 Idle mode

The mobile phone enters idle mode without any operations after the phone is switched on. You can view the current time and date in idle mode. You can dial a number by pressing



key if you input a telephone number.

2.2.2.2 Calling

You can make a phone call after the number is dialed.

2.2.2.3 Missed calls

The missed calls and their numbers will be shown on the screen in idle mode. Press right soft key to view the list.

2.2.2.4 New messages

When the new message is received:

1. Your phone makes alert tones (ringer, vibration or silence).
2. If the keypad is unlocked, your phone display will show '**You have 1 new message!**' Press **left soft key** to view the message's contents and then press left **soft key** again to operate options. Press **right soft key** or **power/end key** to return to the idle mode, the new message-prompting icon is displayed on the screen.
3. If the keypad is locked, your phone display will also show '**You have 1 new message!**' But you can't view the contents.

Note: If the message is urgent /emergency, your phone displays '**You have 1 new message (Urgent/Emergency)!**'. '

2.3 Installing Battery and RUIM card

2.3.1 Installing the battery

- Aim the protruding part at the bottom of the battery at the groove of the phone.
- Push the top part of the battery to the phone and press down the lock until it is locked.

2.3.2 Removing the battery

Switch off the phone, push up the lock at the top of the battery to uplift the top of the

battery and separate it with the main board.

2.3.3 Installing the RUIM card

Purchase a RUIM card from network operator. Your phone number and registration information are stored in your RUIM card. Your RUIM card can be used in any a CDMA phone. Your number and information will not change.

- Make sure to switch off your phone before taking out the battery.
- Make the metal face of the RUIM card down and put it conferring the level of the card.

Then install the battery.

2.3.4 Removing the RUIM card

- Remove the battery after switching off your phone.
- Remove the RUIM card.
- Install the battery.

2.4 Charging the Battery

The Z-222 can be charged either when it is switched on or off.

1. Plug the charger transformer into a standard outlet.
2. Insert the charger output plug into charging connector of the USB port of the phone.
3. The rolling of the electric quantity bar indicates that the phone begins to charge.
4. When the battery level full, charge roll will stop.
5. After charging is complete, switch off the electric supply. Pinch together the spring clamps on both sides of the charger's jack and pull out the charger's jack.

Note:

- When the battery level is low and only a few minutes of talk time remain, a beep is heard, the battery icon flashes and the phone display '**Battery Low, please recharge soon!**' When battery is drained completely, the phone displays '**Battery too low, Power off soon!**'
- When the battery is completely discharged, your phone will turn off.
- The battery can be charged whenever you want. However, using your phone while charging can increase the charging time.
- It is recommended that you charge the battery for three hours (full charging period) before you use it.

- Do not pull out the plug of the charger during charging to avoid electrical damage to the phone and the charger.

2.5 Headset

If you connect the headset with the phone, it will be to activate headset mode or to match the volume of headset with that of mobile phone.

Increase or decrease the volume through up and down up/down key during call.

If you plug out the headset from the phone, the phone will return to normal mode automatically.

2.6 Switching a Phone On/Off

Press and hold down the red key  to switch your phone on or off.

If you switch the phone on and there is no RUIM card inserted, the phone displays '**Please insert RUIM**'. Press **right soft key** to only dial emergency call.

After inserted, the phone will check whether the RUIM card is valid.

Then the screen displays the following messages:

- Enter PIN --- Request to input the RUIM card PIN code (if required).
- Enter Lock code --- In idle mode, press **right soft key** to request to enter the phone lock code (if required).

Note:

If the RUIM card is invalid, the phone displays '**RUIM card rejected**', please contact your network service provider.

In the instances above mentioned, press **left soft key** to only dial emergency call.

2.6.1 Entering your RUIM card PIN Code

You can set protection code (PIN CODE) in order to prevent random using of your phone by others. Each time you restart your phone, the phone will prompt you to enter PIN code (The default PIN is 1234). In this condition, press **left soft key** to dial emergency call.

- Input PIN code (supplied by network service provider. For security, an * will be displayed on the screen to in place of the number you enter.)
- If you make a wrong enter, you can press **right soft key** to re-enter the code.

- Press **left soft key**, and after a short time, your mobile phone will confirm its correctness and begin to register on the network. Once the network name is shown on the screen, you can call or access any of the functions of your phone. If no network name is shown on the screen, you may need to register again.

Note:

If you have entered the PIN code incorrectly continuously for max retries limits, the RUIM card will be automatically locked. In this condition, the phone will prompt for PUK (PIN Unlocking key). You can get the PUK from your mobile phone service provider.

2.6.2 Entering your Phone Lock Code

The phone lock code is used to protect your phone from unauthorized use.

It can be set to automatically lock your phone each time it is switched on or when in idle mode. In this condition, you can only dial emergency call.

You must press **right soft key** to enter correct phone lock code, and then access the phone menu (The default is 0000).


The PIN code and Phone lock code can be changed.



2.7 Dialing a number

To dial a number, your phone must be switched on and unlocked.

You can use the function only after the network-prompting icon is shown on the screen.



2.7.1 Using the digits keys

Enter district code and telephone number or mobile phone number, press  key to dial.

- Press **right soft key** to delete a typed number. Press and hold **right soft key** to delete all numbers.
- To indicate that you are dialing a number, the word **Calling** displays the screen.
- If the call is not answered and you want to end the call, press  key.
- If the call is answered, the display will change to **Call Connected**, press  key to end the call.

2.7.2 Dialing a number using the Recent Call List

The mobile phone can store no more than 30 latest call logs (incomings, outgoings and missed calls).

1. In idle mode, press  key or press up navigation key to enter the recent calls list.
2. Scroll the list by pressing the up/down navigation key and select an entry.
3. Press  key to dial.



2.7.3 Dialing a number using the Contacts List

1. In idle mode, press left navigation key or press **right soft key** to enter the contacts list.
2. Scroll the list by pressing the up/down navigation key and select an entry.
3. Press **left soft key** to dial.


2.7.4 Dialing a number using Speed Dial

Speed dial is a fast way to call one of your special numbers. See '**Speed dial list**' menu.

2.7.5 Making an International call

- Press and hold  key until "+" appears on screen.
- Enter the country code, area code (without prefix zero) and phone number.
- Press  key to dial.


2.7.6 Ending a call


You can end a call at any time by holding down the  key till the call has been terminated.

2.8 Receiving a call

When you receive a call, the phone will alert and the word '**Incoming call**' displays on the screen. If your phone has Caller Line Identification and the calling party is in Contacts list,

the caller's number and name also appears.

Press  key or any key (need setting) to answer the call. Please refer to '**Any key answer**' menu.

Press  key to reject the incoming call.

2.9 During a phone call

After pressing left soft key, user can view following contents given below:

2.9.1 Mute

Temporarily turns the microphone off during a phone call. Reselect this option to resume your conversation.

2.9.2 Names

This function allows you to access the Names menu.

2.9.3 Menu

By using this feature, you can directly enter the menu list.

3. Menu overview

Your RUIM card can be used in the handset for accessing the menu options detailed below. If the RUIM card is not inserted, you can still make SOS (emergency) calls.

3.1.1 Write message

Allow user to edit text message. When composing text messages, check the number of characters allowed in the top right corner of the message. Per message can contain up to 160 characters. If you cross the limit, the phone prompts with a '**Sorry, No more space!**' pop-up message.

Press numeric key to input corresponding characters.

Note: Press and hold **right soft key** to delete entire message and start a new one.

Press **left soft key** to access the following Message options:

3.1.1.1 Send

After writing the message, press Send option to input the recipient's number or retrieve a

number from the Names list. Then select Send option to send the message.

3.1.1.2 Insert templates

When composing an SMS message, you can use the Insert templates option, scroll through a list of prewritten messages and select the one you want to insert into your new text message.

3.1.1.3 Send to group

One message can be sent to a group included one or more people (no more than 10). You can use the Send to group option, scroll through a list of groups and select the one you want to send.

3.1.1.4 Insert number

When composing an SMS message, you can use the Insert number option, scroll through names list and select the number you want to insert into your new text message.

3.1.2 Inbox

When you receive a new message, the new message-prompting icon will be displayed on the LCD right corner.

- Enter the inbox menu, the current message position and the total number of received messages will be displayed at the first row of the screen. If there are no messages, 'No message' will be displayed. If there are messages, the new messages will be displayed first, followed by the old. Once you have read a new message, it will become old.
- You can press up/down navigation key to highlight the message you wish to view.

The message icon is displayed. See 'Table [1]'.










The sender's phone number is displayed. When the sender's phone number is stored in the contacts list, the sender's name is displayed instead of the phone number.
- Press **left soft key** to display the whole message details, the message contents, and the phone number who sent it and when it was received. Here pressing  key allows you to call the sender.

Table [1]: The message icons in Inbox

Icon	Description
	This is a new normal message. It can be stored into RUIM Card Memory.
	This is an old normal message. It can be stored into RUIM Card Memory.

	This is a new urgent/emergency message. It can be stored into RUIM Card Memory.
	This is an old urgent/emergency message. It can be stored into RUIM Card Memory.
	This is a new normal message. It can be stored into Phone Memory.
	This is an old normal message. It can be stored into Phone Memory.
	This is a new urgent/emergency message. It can be stored into Phone Memory.
	This is an old urgent/emergency message. It can be stored into Phone Memory.

From the message view, you can choose to access the following options:

3.1.2.1 Reply

You can reply to the sender after opening the received message.

3.1.2.2 Forward

You can forward the received message to desired number.

3.1.2.3 Use number

If the Numbers available haven't been stored into the contacts list, you can save it.

If the number has been stored into the contacts list, the phone displayed '**This number already exists**'.

3.1.2.4 Erase

Allow you to erase the selected message.

3.1.3 Outbox

You may store sent messages and unsent messages to an outbox list according the MSG Settings. You can retrieve these messages and forward them to other contacts, or resend the message, or erase the message if it is no longer required. Erasing messages from the outbox can free up additional memory on your phone.

You can Forward, Use number, Resend, Erase. For operation please refer to inbox menu.

3.1.4 Templates

You can set no more than 21 quick texts, in which 9 quick texts are by default other 12 quick texts can be edited by user.

Press up/down navigation key to scroll the desired message and press **left soft key** to access the following options:

- Edit: Allow you to modify the text and then save it.
- Erase: Erase the selected quick text.
- Add new: Enter the text-editing interface and then save it.
- Send: You can send the selected quick text.

3.1.5 Erase Msg

Access the Erase messages option to specify exactly which type of message you want to erase.

By selecting **Inbox**, you can erase messages from the inbox folder.

By selecting **Outbox**, you can erase messages from the outbox folder.

By selecting **Erase all read messages**; you can erase all the read messages.

By selecting **Erase all**, you can quickly erase all messages stored in your phone and RUIM card memory.

3.1.6 Voice mail

If you subscribe to voice mail, your service provider will furnish you with a voice mailbox number. You need to save this number to your phone to use voice mail. By setting the call forwarding function, the incoming call is forwarded to your voice mail.

When you receive a voice message, your phone starts beeping or displays a message, or both. If you receive more than one message, your phone shows the number of messages received.

Listening to voice messages, the user needs to press and hold the key 1 (Default speed dial for Key 1 is Voice mail).

Note: This function needs to be supported by your network

3.1.7 Settings

You can change the message settings in this menu.

3.1.7.1 Auto save

Allow you to select 'On' or 'Off' option. If you select 'On' option, your phone will save the sent or unsent messages in the Outbox (subject to memory available).

3.1.7.2 Auto delete

Allow you to select 'On' or 'Off' option. If you select 'On' option, the messages in the Outbox are deleted automatically when the memory becomes full.

3.1.7.3 Priority

The function allows you to select Normal, Urgent or Emergency.

3.1.7.4 Validity period

Allow you to select 'Default', '30 minutes', '1 hour', '2 hours', '12 hours', '1 day', '2 days', '3 days' options. You can set the validity period for your messages, that is, how long they should be available to the receiver.

3.1.7.5 Broadcast

Allow you to select 'On' or 'Off' option. If you select 'On' option, you can receive broadcasted messages. Service providers usually advertise to all subscribers on new schemes, tariffs, or special offers through broadcasted messages.

3.1.7.6 Delivery report

You can choose On or Off to set the status of the message you have sent, if you select On, the information that you have successfully sent the message is displayed through network.

Note: The network determines whether this function is effective or not.

3.1.7.7 Storage device

You can select storage device in which the SMS can be stored in RUIM, phone, RUIM and phone.

3.1.8 Msg settings

In idle; select settings to display the submenus: Auto save, Auto delete, Priority, Validity period, Broadcast, Delivery ack, Storage device.

3.1.8.1 Auto save

You can select on or off to auto save messages.

3.1.8.2 Auto delete

You can select on or off to auto delete messages.

3.1.8.3 Priority

The priority includes Normal, Urgent and Emergency.

3.1.8.4 Validity period

The messages validity period includes 30 minutes, 1 hours, 2 hours, 12 hours, 1 day 2 days 3 days.

3.1.8.5 Broadcast

You can select on or off to receive broadcast.

3.1.8.6 Delivery ack

You can select on or off to receive message status.

3.1.8.7 Storage device

You can select RUIM, Phone or both decices to save your messages.

3.1.9 Memory status

You can view the SMS memory status of the phone and RUIM card memory, including total memories and free memories.

3.2 Call History

Call register stores information about the last 30 calls (including missed, received, and dialed). Calls are marked with different icons indicating missed/received/dialed calls.

3.2.1 Missed

With this function, you can view and erase no more than the last 30 missed calls you have received. You can also send a message to any missed call. See 'Detailed call records'.

3.2.2 Received

With this function, you can view and erase no more than the last 30 incoming calls. You can also send a message to any received call. See 'Detailed call records'.

3.2.3 Dialed

With this function, you can view and erase no more than the last 30 dialed calls. You can also send a message to any dialed call. See 'Detailed call records'.

Detailed call records as following:

Details

You can view the selected call record details:

Missed call: To view when it was missed and the phone number who dialed it.

Received call: To view when it was received, call duration and the phone number who dialed it.

Dialed call: To view when it was dialed, call duration and the phone number who received it.

If the selected phone number cannot be stored in the contacts list, you can press **left soft key** to save it, Otherwise just view it.

Send message

You can send message to the available number.

Call

You can call the available number.

Erase

You can erase the selected call record.

Erase all

This function can be used to erase all the missed/received /dialed calls history.

3.2.4 Erase history

You can erase the all Call History with this menu.

3.2.5 Call duration

This function allows you to display the duration of your last call, total received call, total dialed call and lift time, and also to reset your time counter to zero.

3.2.5.1 Last Call

Phone displays the time used by the last call since the counter was reset.

3.2.5.2 Total Received Calls

Phone displays the time used by received calls since the counter was reset.

3.2.5.3 Total Dialed Calls

Phone displays the time used by dialed calls since the counter was reset.

3.2.5.4 Reset all

You can reset the counter of the calls timer to zero.

3.2.5.5 Life time

Phone displays the total duration used by all calls and the total number of calls since the counter was reset.

3.3 Profiles

The profiles function provides a quick and convenient way to reset your mobile phone setting for a particular environment (e.g. to set your mobile for not ringing when you are in a meeting, or increasing the volume of the ring tone when outside). Each profile has a factory default; however you can adjust each profile to suit your requirements.

How to activate a profile

1. Press **left soft key** to access the profile function.
2. Press up/down key to highlight the profile you wish to activate, then press **left soft key** to enter.
3. Press up/down key to highlight the 'Select profile' option, then press **left soft key** to activate.

Note: For short access to the profile mode press up navigation key in idle mode.

When a profile is set, the icon which corresponds to the profile name is displayed on idle screen.

How to customize a profile

1. Press **left soft key** to access the profile function.

2. Press up/down key to highlight the profile you wish to customize, then press **left soft key** to enter.
3. Press up/down key to highlight the 'Edit profile' option, then press **left soft key** to select.
4. Press up/down key to highlight the setting you wish to customize, then press **left soft key** to select.
5. Edit the desired setting.
For details about settings, see 'Edit Profiles'.
6. After finishing it, press **left soft key** to save the modifications.

3.3.1 Vibrate only

By pressing **left soft key**, you can activate the vibrate only option of the profile.

3.3.2 Silent

Select profile: if you need a quiet environment, you can activate the silent option of the profile.

Edit profile: According to the quiet environment, you can customize the profile mode.

See 'Edit Profiles'.

3.3.3 General

Select profile: you can set the profile available as general.

Edit profile: According to the ambience, you can customize the profile mode.

See 'Edit Profiles'.

3.3.4 Outdoor

Select profile: if you are away from home, activate the available outdoor mode

Edit profile: in according to the outside environment, you can customize the profile mode.

See 'Edit Profiles'.

3.3.5 Headset

Select profile: if you insert the headset, you can activate to the headset mode immediately.

Edit profile: in according to the ambience, you can customize the profile mode.

See 'Edit Profiles'.

Edit Profiles as following:

Ring type

The incoming call ringer types have: Ringer, Vibration, and Vibr. Then ring, Silence, Vibr and Ring and

One beep.

Ring tone

You can allocate the incoming call ringer from 10 tones for no group's number. The ringer of the group's number setting is available under the phonebook groups setting state.

Ringer volume

Allow you to adjust the volume of the Ringer, Conversation, Key Beep and Alerts.

Earpiece volume

Allow you to adjust the volume of the earpiece.

Key volume

Allow you to adjust the volume of the key.

Message alert

The message alert types have: Vibrate Silence, Two beeps, four beeps and Ring.

You can select different new SMS ringer formats. The phone provides 10 SMS Ringers.

Alerts

You can Change the status of alerts detailed below:

Service change

When the alert for Service Change is on, it means that every time your phone loses service, or changes from its carrier to a different carrier, an alert will be sounded.

Minute beep

When the alert for Minute beep is on, during a phone call, as your connection nears a minute, an alert will be sounded 10 seconds before every minute. This is to help the user know how many minutes have gone by while they are talking (if conversation is short).

Call connect

When a call has successfully connected, an alert will sound.

Call end

When a call has successfully ended (either by you or because the call is dropped), an alert will sound.

Fail on outgoing

When alert for fail on outgoing is on, phone sounds an alert after failing on outgoing.

Charge beep

When the alert for Charge beep is on, every time your phone is connected or disconnected to the charger, an alert will sound.

Auto answer

Allow you to open or close auto answer. Auto answer will begin after 5seconds or 10 seconds.

3.4 Settings

Settings allow you to customize your phone as per your preferences.

3.4.1 Display

You can customize your display by creating a banner, adjusting the backlight, adjusting LCD contrast, selecting theme color, setting clock to show or hide, selecting the language, selecting the wallpaper, selecting the menu style.

3.4.1.1 SDCA name

You need to register your phone firstly.

3.4.1.2 Banner

You can set the greeting message which will appear in idle screen.

15 characters can be stored as a greeting message.

3.4.1.3 Backlight:

You can specify the duration of the backlight.

The phone provides 4 timers (7 Seconds, 15 Seconds, 30 Seconds and Always on) to allow you to select.

3.4.1.4 Contrast:

You can adjust LCD contrast from 1~ 5level.

3.4.1.6 Wallpaper

Allow you to set the wallpaper displayed on idle screen.

The phone provides 2 kinds of paper

3.4.1.6 Clock

You can set the clock whether show on the idle screen or not.

3.4.1.7 Language

Allow you to set the displayed languages.

3.4.2 Call

The function allows you to set related to calls.

3.4.2.1 Call forward

Call forward is a network service.

This service is used to forward incoming calls to your voice mail system or to another number depending on certain conditions in which your phone is unavailable or you don't want to receive any call.

3.4.2.1.1 Immediate

This function will unconditionally forward all incoming calls to voice mail or other number.

3.4.2.1.2 When busy

This option will forward incoming calls when you are on a call.

3.4.2.1.3 Not reply/Not reachable

This function will forward incoming calls if you don't answer the call or your phone is out of network service or switched off.

3.4.2.2 Call waiting

If your mobile phone service provider supports this feature, the call waiting notifies you of an incoming call even while you are on a call. You can accept, reject, or ignore the incoming call.

The Call Waiting function needs to be supported by your network service provider.

3.4.2.3 Any key answer

If it is set to on, it allows you to answer an incoming call by briefly pressing any key except the Power key and Volume side key.

3.4.2.4 Voice privacy

Voice Privacy is a network service. If your wireless service provider supports this feature, the voice privacy feature protects the privacy of your current phone conversation from other callers placing phone calls on your same network. By default Voice Privacy is set on Standard Mode.

3.4.2.5 International call prefix

By using this function, you can set the local international dialing prefix code

If you set the prefix code by hand, when dial a number with prefix code '+', '+' will automatically change into code you input.

3.4.3 Phone

3.4.3.1 Key guard

This function allows you to lock the keypad when phone is not in use. You can also customize keypad lock time in minutes.

3.4.3.2 Key tone

Allow you to select the key tone mode: Normal (the prolonged sound and the brief sound are fixed.), Long (when you are pressing the key, the key tone is alerted until un-pressing).

3.4.3.3 Version

You can view the SW/HW/PRL version number by using this menu.

3.4.3.4 VCard

You can select Prompt or No prompt to receive vCard.

3.4.4 Security

Security menu protects your phone from unauthorized use. Before accessing this option, you will be asked to enter lock code (The default is 0000).

3.4.4.1 Lock mode

This option is used to set the lock code.

The lock code can be set to protect your phone from unauthorized use. It can be set to automatically lock your phone each time it is switched on or is in idle mode.

The lock code is a four digit number which is set at 0000. This can be changed at any time by using the 'change code' option.

Off

This option can be used to set the lock code disable.

Now

This option can be used to immediately lock your phone. Once selected, your phone will be unusable until the phone lock code is entered.

On power up

This option can be used to automatically lock your phone each time it is switched on.

3.4.4.2 Change lock code

This option is used to change the lock code.

After selecting this option, you will be asked to enter new lock code to replace the old code. The new lock code must be entered again as confirmation.

3.4.4.3 Reset

Allow you to restore your phone to the factory settings.

3.4.4.4 PIN Management

This option is used to set and change the PIN code.

The PIN code can be set to protect your RUIM card from unauthorized use. If set to **Enable PIN**, access to your RUIM card will be restricted each time the phone is powered on.

Enable PIN

If user enables the PIN, the Phone will ask for PIN each time it is switched on. By default the RUIM PIN is 1234.

Disable PIN

This option can be used to set the PIN disable.

Change PIN

This option is used to change the RUIM card PIN code.

The 'PIN Management' option must be set to **Enable PIN** and you must enter the old PIN code before you can proceed.

The phone will ask for enter a new 4~8 digits code to replace the old PIN code. The new PIN code must be entered again as confirmation.

3.5 Organizer

3.5.1 Scheduler

You can use the scheduler function to set reminder/alerts for various events, meetings and more.

The time entry is available in a 12-hour format only.

3.6.1.1 Add new

You can set date on the calendar. Inputting the information to the phone and then add alarm clock time.

Note: If the alarm time can be set to past time, the phone displays '**Failed! The time should be later than now**'.

3.6.1.2 List all

Allow you to View/Edit/Erase the entries list of schedule as per their time sequence.

3.6.1.3 Erase All

This function can be used to erase the whole entry lists.

3.5.2 Alarm clock

The alarm clock is based on the phone clock. It sounds an alert any time you want. This function supports three alarm clocks and a quick speed alarm clock.

3.5.2.1 Quick alarm

The quick alarm clock can set different alarm times "After 10min", "After 30min", "After 1h", "After 3h", "Off". The alarm can't be used when the mobile is power off.

3.5.2.2 Snooze mode

Off

It can be set to turn off the alarm completely by pressing any key when the alarm wakes up.


10 minutes/15 minutes/20 Minutes


When the alarm goes off, select snooze to postpone the alarm for 10/15/20 minutes.

3.5.3 Calculator

The calculator function performs the 4 arithmetic calculations using up to 12 digits, addition (+), subtraction (-), multiplication (\times), and division (\div).


1. Press **left soft key** to display the calculator main interface.
2. Key operations for calculation are as follows:

Enter the first number. Press number key to input the number, press  key to

input the decimal point and the  key for a negative sign. Then select the operation by pressing one of the four direction keys. Input the second number after that.

To clear the entered number or operand, press **right soft key** [Erase].

To calculate the result, press **left soft key** [Result].

3. If you wish to start a new calculation, press **left soft key** [Reset].
4. If you close the calculator function, press **right soft key** [Back] or press  key [=].

Note: For a limited degree of accuracy, this function should only be used for reference.

3.5.4 Tip calculator

This function allows you to quickly calculator the tip along with bill amount as well as an option to split the total bill.

3.5.5 World clock

User can view the timing of different cities in the world.

Beijing Time is saved as default. Press up and down navigation key for viewing the timings of other cities.

3.5.6 Stop watch

After entering the stopwatch main interface, the phone displays the starting time 00:00:0, press **left soft key** [Start] to start timing. Here press **left soft key** [Pause] to pause timing, press **left soft key** [Resume] again to continue timing, and that press **right soft key** [Reset] to return to the stopwatch main interface.

In the process of the timing, press **right soft key** [Split] every time you need to count a lap.

Press up/down navigation key to look over the former records.

Note: For the limited degree of accuracy, this function should only be used for reference.

3.5.7 Game

3.6.7.1 Kong Ming

If you have saved the former game record, you can choose, start or resume game, or select game to start it again.

Instructions

Use up /2, down /8, left /4 and right /6 to control the cursor. Use 5 to select a chessman.


When chessman X moves over chessman Y next to it, Y is erased from the chessboard. Only one chessman can be erased at one time. Player wins if there is only one chessman left in the center of the chessboard.

3.6 Mobile web

3.6.1 WAP

Your phone supports WAP 2.0. You can use this facility to connect to selected services on the mobile Internet.

This menu option allows you to download a host of exciting content with WAP browser. Simply browse on the web page and download from a wide selection of Ringtone, Wallpapers, and other applications such as BSE Stock Portfolio tracker, Faith and many more.

For short access to WAP menu, you can directly press  key in idle mode.

3.7 Names

You can store names and phone numbers in your phone or RUIM card memory.

In idle mode, press right **soft key** to access the names function.

1	List	List the entire contacts in your phone book.
2	Add new	Add a new record into the Contacts List.
3	Find	Search for a contact from phone book by typing name, number or group.
4	Multicopy	Copy items from the phone memory to RUIM card memory.
5	Groups	Allocate the names stored into phone book to specific group
6	Erase all	Erase all items in mobile phone and RUIM card memory.
7	Speed dial	Your mobile phone can store 99 entries in its memory for easy/quick dial in which the first item is by default. User can edit each speed dial entry.
8	Memory status	Allow you to inquire the capacity of RUIM card and phone, including free number and total capacity.


3.7.1 List

You can use this function to search records, to dial directly, to execute erase, copy or send a message and to edit operations.

Press **left soft key** to enter the names list.

If you need to browse phonebook's information, input the alignment characters (e.g. a, b), your mobile phone will then attempt to match the characters with the names in your

Phonebook.

Once the number you prefer is displayed, you can press  key to call this number.

Select any record and press **left soft key** to access the following functions:

3.7.1.1 Details

In a contacts list, you can view the following items:

Items stored in the phone memory

Name:	Up to 14 characters
Number:	Up to 20 digits, 3 phone numbers
Address:	Up to 150 characters
Email:	Up to 64 characters
URL:	Up to 150 characters
Note:	Up to 250 characters
Group:	You can allocate the selected name to any group.
Default:	You can customize specific ring tones for incoming call from the name's numbers.

Items stored in the RUIM Card

Name:	Up to 14 characters
Number:	Up to 20 digits
Group:	You can allocate the selected name to any group.

For details operations please refer to '**Details Submenus**'.

3.7.1.2 Find

You can search a phone number from the phone book names. Please refer to '**Find**' menu.

3.7.1.3 Erase

You can erase selected record.

3.7.1.4 Copy

You can copy all RUIM card memory entries to phone memory, or copy all phone memory entries to RUIM card.

Details Submenus function as following:

Send Message: Allow you to send the message to the selected number.

Erase: You can erase the desired entries.

Edit: You can edit the saved number, name and group.

3.7.1.5 Send as vCard

You can select one or all names to send as vCard.

3.7.1.6 Erase all

You can erase all records.

3.7.2 Add name

With the Add new function, you can choose either the phone or RUIM card memory to store the new item.

Phone memory capacity is 200 items. RUIM card memory depends on the network service providers.

If you add a new item to the phone memory, you need to enter one of the following: Phone Number, Address, Email, URL and Note, and you can select a group and ring tone for incoming call. If you add a new item to RUIM card, you need to enter: Phone Number.

3.7.3 Find

This function is used to search a phone number from the phone book names. You can search by name, number or group. If there are no entries in the phone book, the screen will display '**No record in phonebook!**' If there isn't any name matching your entry, the screen will display '**No match found!**'

3.7.3.1 Find name

Input the name or the first character required to begin search.

3.7.3.2 Find group

You can select the group you want to search.

3.7.4 Multicopy

With the copy function, you can copy items stored in RUIM card memory to phone memory.

3.7.4.1 All Copy

Allow you to copy all of the RUIM card memory entries to phone memory.

3.7.4.2 Choice Copy

You can selectively copy the record. You can select one or more of the entries from the names list to copy it. After selecting an entry, press **left soft key** to view options as below:

Select / Unselect

Press **left soft key** to validate making tick in checkbox. Press **left soft key** again to cancel this operation, the checkbox becomes blank again.

Cancel all

Press **left soft key** to validate that all the ticks in checkbox be canceled.


Select all

Press **left soft key** to validate making ticks in all checkbox.

Copy

Press **left soft key** and then the phone displays the confirmation, asking you if you wish to copy

or not. Press **left soft key** to confirm copy.

Note:  The icon indicates that the names list has been selected.

3.7.5 Groups

Your mobile phone provides 9 groups in which 7 groups are by default other 2 groups can be added. There are seven groups, including No group, Family, Friends, Colleagues, VIP, Business and Personal.

You can allocate the phone memory and the RUIM card memory names to specific groups.

By pressing **left soft key** you may enter the following menus:

3.7.5.1 View group

Allow you to search the needed numbers or other information in the group, press **left soft key** to manage your groups after searching.

Note: if there are no members in the group, press **left soft key** then the phone will display '**No members, add new member?**' At this time press **left soft key** to enter the names list, you can add a record to the specific group.

3.7.5.2 Set ring tone

You can customize specific ring tones for Incoming Calls.

The phone provides 10 ringers to allow you to select.

3.7.5.3 Add group name

You can add two new group names to the phone.

3.7.6 Erase all

Before accessing this option, you will be asked to enter lock code (the default is 0000). This feature allows complete erasing of all contacts either in RUIM card memory or Phone memory; the information thus deleted is unrecoverable.



3.7.7 Speed dial

Speed dial is a fast way to call one of your special numbers.

Your mobile phone has 99 speed dial entries in which the first one is by default. Each speed dial entry can be edited by user.

To dial Speed dial number

- Speed Dial Keys from 1 to 9→ Press and Hold the number key , automatically it will dial the corresponding number.

- Speed Dial keys from 10 to 99→ Type the numbers along with  key and press  key. (E.g. Speed dial 11th entry. Type 11# and press dial key.)

Default Speed Dial Numbers are:

1=Voice Mail (388)

3.7.8 Memory status

This function helps you to check the number of entries stored in the names lists.

You can check the memory status of the RUIM card and phone memory, including free memories and total memories.

3.7.9 User's vCard

You can select this function to edit your information.

4. Input method


This mobile phone uses the eZi input Method. When using your mobile phone there will be many times that you will need to input text e.g. sending messages, entering names into the Phonebook, editing the greetings message, etc.

Under the input mode, press  key to switch the input mode.

The phone provides the following methods:


4.1 Number (123)

This input method can be used to enter digits.



1. In text editing mode, press  key several times until '123' is displayed at the top-right corner of the screen.
2. Press the numeric keys to input numbers.

4.2 Character (Abc/abc/ABC)



Using the character input method, you can enter uppercase and lowercase letters, and you can press and hold the numeric keys (2~9) to input numbers directly.

1. Tap the  key several times until 'Abc' is displayed in the top-right corner of the


screen, then you can type the first letter in uppercase. When you have typed the first letter, 'Abc' will be changed to 'abc' automatically.

2. Tap the  key several times until 'abc' is displayed in the top-right corner of the screen, then you can type in lowercase letters.
3. Tap the  key several times until 'Abc' is displayed in the top-right corner of the screen, then you can type in lowercase letters.
4. Press desired number key, once to input a character, twice to display the second character, by analogy to finish the text.

The following steps show how to write a text by using these input methods:

1. In text-editing mode, tap  key several times until 'En' is displayed at the top-right corner of the screen.
2. Press each key once, even when the letter you required is not the first letter on the key. For example, to enter the word 'Mary', press 6,2,7,9 key.
3. During inputting, you can press  key, then press the corresponding number key.
4. Press 0 key to add a space.

4.3 Entering symbols

1. Press the  key to enter the special character library.
2. Press up/down navigation key to select the symbol you need.
3. Press the corresponding number key.

5. USB windows device driver installation guide

5.1 Introduction

This document is a user guide for USB Windows device driver installation process. The USB Windows device driver provides the interface between the operating system and Z-222 handsets, allowing user applications to communicate with devices. This installation guide is intended to provide a detailed description of the USB Windows device driver installation process.

5.2 Components

Upon successful completion of the installation process, the following files will be located in the specified directories folders:

C:\Program Files\VIA Telecom\VIA CBP USB Driver*.inf:

ViaUsbEts.inf

ViaUsbHub.inf

ViaUsbModem.inf

C:\Program Files\VIA Telecom\VIA CBP USB Driver*.sys:

ViaUsbEts.sys

ViaUsbModem.sys

C:\Program Files\VIA Telecom\VIA CBP USB Driver*.PDF:

ctm_via_usb_drv_installation_user_guide_8_A.PDF

5.3 Installation

1. To install the USB Windows device driver, you must first start the Setup application, ViaUsb_Setup.exe, by double-clicking the associated icon.

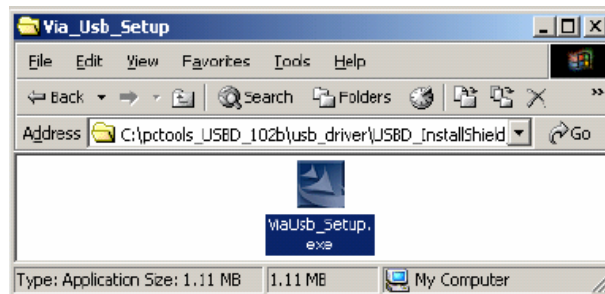


Figure 1 - USB Windows Device Driver Setup Icon

2. The USB Windows Device Driver Setup Welcome Dialog Box will appear.

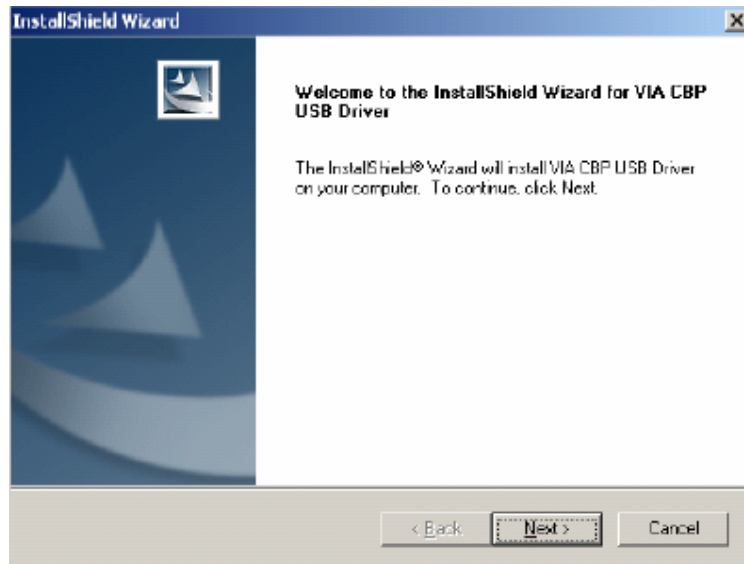


Figure 2 - USB Windows Device Driver Setup Welcome Dialog Box

3. Click the **Next** button to continue.

The License Agreement dialog box appears.

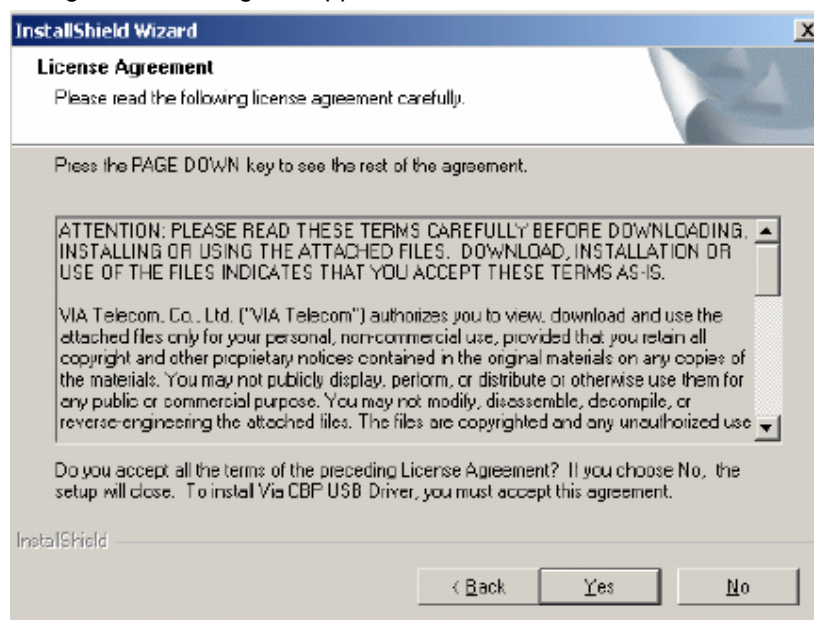


Figure 3 - USB License Agreement Dialog Box

4. To continue, you must accept the License Agreement by clicking the **Yes** button. If you select the **No** button, the following dialog box will appear, confirming whether you truly wish to terminate the installation process at this time.

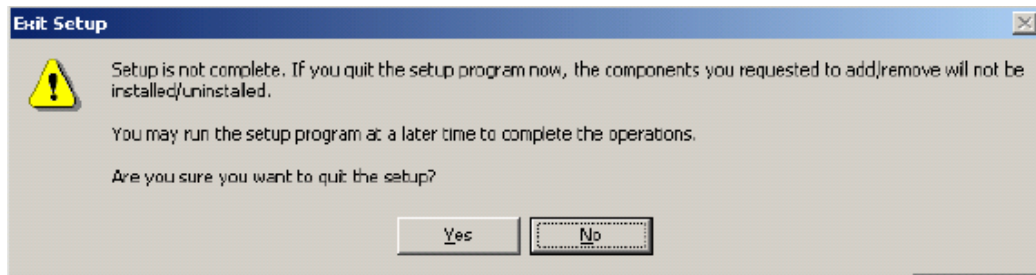


Figure 4- USB Windows Device Driver Setup Process Termination Confirmation Dialog Box

If you select the **Yes** button, the installation process is terminated. If you select the **No** button, the License Agreement dialog box (Figure 3) will reappear.

Upon agreeing to the License Agreement (Figure 3), the Customer Information Request Dialog Box will appear.

 A Windows-style dialog box titled "VIA CBP USB Driver - InstallShield Wizard". The main heading is "Customer Information" with the instruction "Please enter your information." Below this, it says "Please enter your name and the name of the company for which you work." There are two text input fields: "User Name:" with the text "UFO" and "Company Name:" with the text "NEWSKYCCT". At the bottom, there are three buttons: "< Back", "Next >", and "Cancel". The "Next >" button is highlighted.

Figure 5 – USB Setup Customer Information Request Dialog Box

5. Please enter the appropriate user and company name into the corresponding fields. By clicking the **Next** button, you will proceed to the actual installation of the USB Windows Device Driver support files into their appropriate folders.

The USB Installation Status Message dialog box will then appear indicating what percentage of the file copying task is complete.

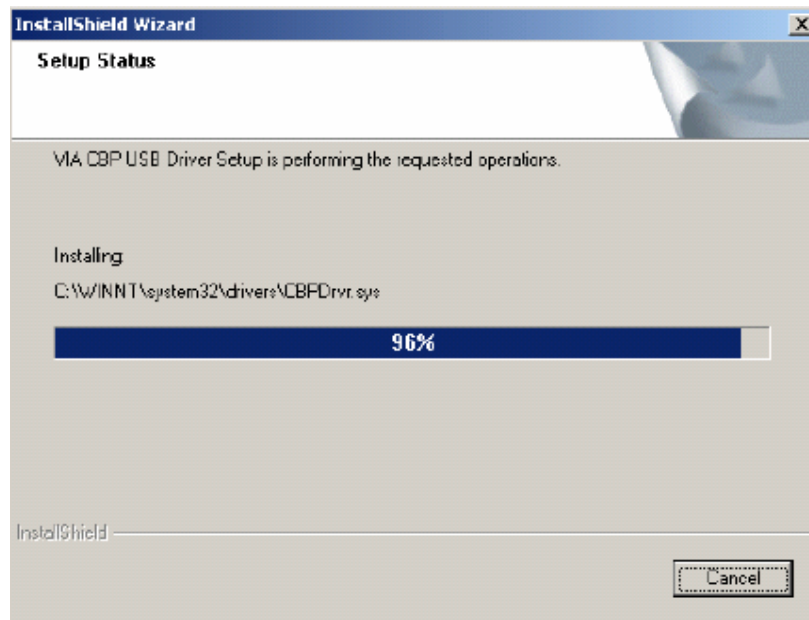


Figure 6 – USB Driver Installation Operation Status Message

Upon completion of this step, the following message box appears.

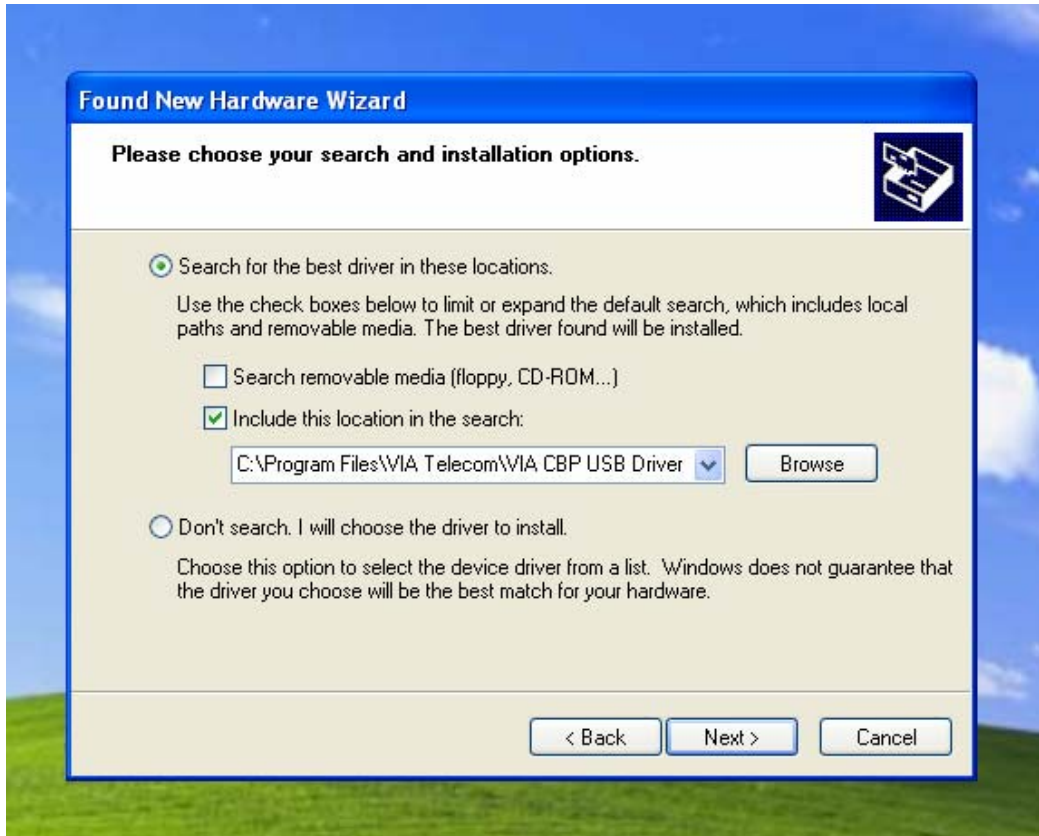


Figure 7 – USB Device- Discovery Action Request Message

6. Click **OK** to trigger the Plug-N-Play mechanism to complete the discovery, installation, and registration of the USB device driver components into the Windows Operating System. You should do it referring to below terms:

7. Connect the phone with the computer, so the computer finds new USB devices.





- (1) Do not select automation install, must use the way to select from specified list.
- (2) Check the box to select the specified path and fill the path to be
C:\Program Files\VIA Telecom\VIA CBP USB Driver

8. There are three USB devices:

- (1) Via Telecom ETS Device -- This device is for Engineer Test.
- (2) Via Telecom USB Hub Device -- This device is for USB Hub.
- (3) Via Telecom Modem. -- This device is for USB modem.

They will be installed one by one in the same way.

9. Create dial-up connect;

After the driver has been installed successfully, you can connect phone with PC. Create a new connection in Network Tasks:

Connect to the internet---Set up my connect manually---Connect using a dial-up modem.

ISP name: Optional

Phone Number: #777

User Name: card

Password: card

Confirm password: card

After finished it, you can dial-up to internet via cellphone now.

6. Frequently asked questions (FAQ)

Here you will find answers to questions that you may have about your Trend Z-222 mobile phone.

Q. What is my Security Code?

A. The Default Security code is 0000. However, it is suggested that you change this code immediately. Certain features can be used only after the correct security code has been successfully entered.

Q. How do I change the Security Code?

A. Settings→Security→ Enter Lock code (By Default lock code is 0000→Change lock code →Enter Lock code (enter any code which you are able to remember easily) →Confirm Lock code→Ok

Q. What is the RUIM Lock?

A. The RUIM lock code enables you to lock your RUIM card, thus preventing someone else from using it. The Default RUIM Lock is 1234, however, it is suggested that you change this code immediately.

Q. How to change the RUIM Lock?

A. Settings → Security → Enter Lock code (By Default lock code is 0000 → PIN Management→Change PIN→Enter old PIN (By Default PIN is 1234) →Enter new PIN→ Repeat new PIN→Ok

Q. How to enable RUIM Card Lock?

A. Settings → Security → Enter Lock code (By Default lock code is 0000) → PIN Management→Enable PIN→Enter PIN (By Default PIN is 1234) →Ok

Q. How do I increase the volume of the phone ringer?

A. Profiles→select any mode→Edit profile→Ringer volume→select high

Q. How do I change the ringing tone?

A. Profiles→ select any mode→Edit profile→Ring tone→select any music →Ok

Q. How do I view the last dialed numbers?

A. Press the call key to select the last dialed call.

Q. How do I assign a key to speed dialing?

A. Names → Speed dials → Options → Set entry → Select number from names lists → Ok

Q. How do I reset my phone's call timer?

A. Call History → Call duration → Reset all → Ok

Q. How do I find my phone's ESN (electronic serial number)?

A. Turn off your phone. Remove the battery from the back of the phone. Your phone's ESN number is printed on the sticker that is pasted on the rear cover, and is labeled "ESN."

Q. How do I find out how much memory the phone has?

A. Names → Memory status → Ok

7. Trouble shooting

If there are troubles when using your phone, please refer to the following table. If there are still questions, please dial our service telephone to solve.

Problem	Solution
The phone cannot be switched on.	Make sure the battery is installed correctly and charged.
	The contacts on the battery and charger must be clean and dry.
Please insert RUIM	There is no RUIM card in the phone, or you have inserted it incorrectly.
Incorrect PIN code	Input the correct PIN code (the default is 1234).
The RUIM card is locked.	The RUIM card will be locked after entering the PIN code incorrectly fifteen times in a row. You must enter PUK code from the service provider to unlock.
Input the phone lock code	In idle mode, press the right soft key to input the phone lock code (the default is 0000).
No network	Make sure the network has coverage the current location. If the received signal is too weak, move to an open space or near the window.
The phone has poor reception and drops calls.	The received signal of current location is not good (i.e., in a car or train). Move to an area with a stronger signal to use your phone.
Cannot make or receive a call.	Check the signal strength indicator on the screen. If the signal is too weak, move outdoor to obtain a strong signal.
	Avoid electrical interference and obstructions such as tall buildings, bridges, i.e.
	Check the Call forward settings.

	If SOS is displayed on the screen, you won't use the network service. But you can dial the emergency call.
The phone asks for entering lock code when access a menu.	The menu you select has been locked, you must enter the correct lock code, then to access (the default is 0000). See Menu Items Lock Code option.
Cannot send or receive message.	Make sure you have subscribed for this service; otherwise, contact your network service provider.
	The phone memory may be full. Delete some messages to free memory.
The battery cannot be charged.	Make sure the charger connector has been properly connected to the phone.
	Check the battery and charger contacts to make sure they are clean and dry.
	Check the battery temperature. To avoid charging the battery in extreme temperature.
	If the battery or charger is an old one, its performance will decline after several years use. You must change a new one.
The phone switches itself off.	Check the battery to make sure it is installed properly and charged.
The other party is unable to hear what you are saying.	Make sure your phone is not set to silence mode.
	Make sure you do not block the microphone.
	Check if you are out of the network range.
The speaker volume is too low.	Press the upper volume navigation key during a conversation.