

# SL20

# User's Manual

PN: 5839003916

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Protect your environment! We strive to produce products in compliance with global environmental standards. Please consult your local authorities for proper disposal.

**Note:** User's Manual is just to guide the user about the functionality of the phone. This does not seem any certificate of technology. Some functions may vary due to modifications and up gradations of software or due to print mistake.

**SAFETY PRECAUTIONS**

Please read the following safety guidelines before using your phone.

	Do not use wireless phones while driving.
	Switch off wireless devices in aircraft. The signal may cause interference. Using them on aircraft is illegal.
	Do not use mobile phones where blasting is in progress. Follow regulations and rules strictly.
	Do not use mobile phones at a refueling point. Don't use near fuel or chemicals.
	Follow regulations or rules in hospital and health care facilities. Switch off the phone near medical equipment.
	All wireless devices may get interference that could affect performance.
	Only qualified service personnel can install or repair this device.
	Use only approved accessories and batteries.
	Use only in normal position. Do not expose your phone to extreme high temperatures above +60°C (+140°F) . Do not use anything static to clean your phone.
	Ensure the phone is turned on and in service. Enter the emergency number, then press Pick Up key. Give your location. Do not end the call until told to do so.

**Note:** Improper use will invalidate the warranty! These safety instructions also apply to original accessories.

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## GENERAL INFORMATION

### ***Antenna***

Use of other antenna devices could damage your mobile phone and reduce performance. Your phone has a built-in antenna. Don't touch the antenna area unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

### ***Network Service***

A lot of features described in this manual are called network service. They are special services provided by wireless service providers. You should subscribe to these services from your home service provider and learn instructions on uses before you select the network you want to use.

### ***Accessories***

Li-Ion battery is the manufacturer-approved rechargeable battery available for your phone. Some batteries may perform best after several full charge/discharge cycles.

Use batteries, chargers and accessories approved by the phone manufacturer for using with this particular model. The use of any other types will invalidate any approval or warranty applying to the phone, and may be dangerous.

Please consult with your dealer for availability of approved accessories.

### ***Privacy***

The shoot or recording of photos, images or sounds privately may be prohibited by law and/or subject to criminal prosecution. We recommend you to be responsible and respectful of privacy laws when you are taking photos, or doing records.

## KNOW YOUR MOBILE PHONE











### Positions of Phone Keys

1. Audio Jack	8. Hang up key /Power key
2. Charger and accessories connector	9. Side key
3. Earpiece	10. Battery cover button
4. Screen	11. Keypad
5. Call Key	12. Flash light
6. Cord hole	13. Speaker
7. OFN	14. Camera




## Functions of Keys


Key	Name	Description
	Call Key	Making or answering a call from Master SIM. In the standby mode, press this key to access the Call Logs.
	OFN	Scrolling options in the function list or the phone book.
	Call End Key	End an ongoing call. In the menu mode, press this key to return to the standby mode and cancel current operations. Press this key to stop the alarm, when the alarm rings.
	Numeric Keys	Used to enter numbers, letters and some special characters. In the standby mode, long press  to activate Silent mode. In the edit mode, press the  key to switch the input methods, press the  Key to display the symbols, press the  key to switch the uppercase and lowercase.

## ***The usage of the Smart Touch Screen***

Your mobile phone has a single screen display; the first line displays status icons, which indicate the signal strength, the remaining power of the battery, etc.

In the standby mode, Tap the screen and then drag left or right to show the desktop (or tap  switch).

The controls on the touch screen change dynamically to suit the task at hand.

1. Tap the "" at the bottom of the screen to open the menu.
2. Flick or drag up or down to scroll.
3. Press and drag out the icon that you want, and then you can icon side to side.
4. Drag the icon into the scroll to shutdown it, and then you can choose another function.
5. Please refer to "Settings > Phone settings > Widget manager" for more details.

## Status Icons



Network Signal



All Voice Calls diverted



Auto Keypad Lock



Alarm Clock is activated



Battery Status



Missed Calls



New Message or Message Memory Full



WAP Message



Audio player



Bluetooth



earphone plugged in



Email

## Sound Icons



Ring Only



Vib. Only



Vib. then Ring



Vib. and Ring



Silent

## IMPORTANT INFORMATION

### **Use of Passwords**

Your mobile phone and SIM card has various passwords. Those passwords avoid unauthorized use of your phone and SIM card. You can change PIN, PIN2 and phone password in the "Settings > Security Settings"

### **Phone Code**

The Phone code can be used to avoid unauthorized use of your phone. The factory settings for the phone code is 1122. If phone lock is enabled, you will be asked to input the phone password when you switch on your phone.

### **PIN (4 to 8 digits)**

The PIN (Personal Identification Number) code protects your SIM card from unauthorized use. The PIN code is usually supplied with the SIM card. When the PIN code request is enabled, the password is asked every time the phone is turned on.

Three times wrong PIN entered in a row results in the blocking of, the SIM card. Then you will need to use the PUK to unlock it. PUK is usually set by the network operator.

1. Enter the correct PUK to unlock the SIM card, and then enter the new PIN and press **OK**.
2. If you are prompted to enter the new PIN again, enter it and press **OK**.
3. If the PUK is correct, the SIM card will be unlocked and the PIN will be reset.

### **PUK (8 digits)**

The PUK (Personal Unblocking Key) code is required to change a blocked PIN code. Please contact your network operator for the code.

Note: Ten times wrong input in succession, the SIM card will be invalid and you need to consult your network operator for a new SIM card.

**PIN2 (4 to 8 digits)**

The PIN2 code, supplied with some SIM cards, is used for some functions, such as Call Cost, Fixed Dial and so on. Please consult your network operator to confirm whether your SIM card supports those services or not.

Entering wrong PIN2 code three times in a row blocks the SIM card and you will be required to use the PUK2 to unlock it.

1. Enter the correct PUK2 to unlock PIN2, and then enter the new PIN2 and press **OK**.
2. If you are prompted to enter the new PIN2 again, enter it and press **OK**.

**PUK2 (8 digits)**

The PUK2 code, supplied with some SIM cards, is required to change a blocked PIN2 code. It may be supplied with the SIM card. If not, contact your network operator.

Note: Ten times wrong input in succession, the SIM card will be invalid and you need to consult with your network operator for a new SIM card.

**Barring Code**

To activate call barring, you need a Barring Code. You can obtain the password from your service provider.

***Battery Information*****Charing and Discharging**

- The charger is designed to be used in temperatures between 0°C to 40°C.
- Do not charge the phone in wet and damp conditions.
- Use batteries that are approved by the phone manufacturer and recharge your battery only with the chargers approved by the manufacturer.
- We strive to produce products in compliance with the global environmental standards.
- The charger meets the standards for safety of information technology equipment and office equipment use. It must be used for this purpose only.

- Your phone is powered by a rechargeable battery. Full performance of the battery is achieved only after two or three complete charge and discharge cycles.
- When the battery level is low, "Low Battery" will be displayed on the LCD screen. If you have selected Alert Tone (Warning Tone of any profile in Profiles), the phone will sound the alert tone.
- When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for longer than 12 hours, since overcharging may shorten its life.
- Temperature extremes will affect the ability of your battery to charge.

#### **Tips for Battery**

- Placing the battery in hot or cold places, such as in a closed car during summer or winter, will reduce the capacity and lifetime of the battery.
- Do not let the metal contacts on the battery touch other metal contacts. It could short-circuit and damage the battery. Use the battery only for its intended purpose.
- Do not disassemble or modify the battery by yourself.
- Do not clean the battery with water or any organic solvent.
- Always keep the battery dry.
- The battery can be charged and discharged many times but it will wear out a last. When the talk and standby time is shorter than normal, please change the original battery approved by manufacturer.
- Do not short-circuit the battery.
- Turn off mobile phone before removing the battery.
- Do not dispose of batteries in fire.
- If you smell anything strange from the battery or find that the battery is overheated, you should stop using it immediately and contact the authorized After Service Center in your region.
- If you don't use the battery for a long time, please fully charge the battery before you store it.
- Batteries should never be placed in municipal waste. Batteries must be recycled or disposed of properly. Please follow local regulations for disposal of batteries.

## **Usage & Maintenance**

To ensure that your handset works properly, please review the following usage & maintenance tips. These tips will help you to fulfill any warranty obligations and to enjoy this product for many years.

- Keep your phone and all its parts and accessories out of the children's reach.
- Your phone and its parts are not water-resistant. Keep these in dry place. Precipitation, humidity and liquids contain minerals that will corrode the connectors.
- Always treat your products with care and keep it in a clean and dust-free place.
- Do not expose your product to extreme high or low temperatures. Your phone operates best in temperature between 15 °C and 25°C. Minimum and maximum temperatures recommended by the manufacturer are -10°C and 55°C.
- Do not expose your product to open flames or lit tobacco products.
- Do not attempt to disassemble or modify your product. Only authorized personnel should perform service.
- Do not drop, throw or try to bend your product.
- Do not paint your product.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it.
- Keep anything magnetic, such as credit cards, far away from your product.
- If you find that the battery has any crack, deformation or anything else, you should stop using the battery immediately.
- If the electrolyte leak out and contact your skin or clothes, you should immediately use soap and clean water to clean it. In case the electrolyte spatters into your eyes, you must use the clean water to wash your eyes thoroughly and go to the hospital immediately.
- If your phone or any accessory doesn't function normally, please send it to the nearest authorized service center. The qualified personnel will assist you, and if necessary, arrange for service.

## ***Emergency Calls***

This phone, like any wireless phone, operates using radio signals, wireless and landline networks, which cannot guarantee connection in all conditions. Therefore, you should never rely solely upon any wireless phone for essential communications (e.g. medical emergencies). To make an emergency call:

1> Switch your phone on.

Some networks may require that a valid SIM card is properly inserted in the phone.

2> Dial the official emergency number. Emergency numbers vary by location.

While making an emergency call, please remember to give all information. Never disconnect the call until you are told to do so.



## GETTING STARTED

### ***First Call***

- Insert a SIM card (Switch off your phone, and then remove the battery). Enter the area code and the phone number and press Pick Up Key.

**Tip:** Before you get started, please insert a valid SIM card in your phone and charge the battery first.

- SIM Card: Please refer to "Mounting the SIM Card" for more reference on installation.
- Charging the battery: please refer to "Charging the battery" for more details.

### ***Mounting the SIM Card***

Your mobile phone number, PIN (Personal Identification Number), PIN2, PUK (Personal Unlock Key), PUK2 (Personal Unlock Key2), IMSI (International Mobile Subscriber Identity), the network information, the phonebook data, SMS (short messages) and other data are stored in your SIM card.

**Note:** This particular phone model supports the SIM cards of 1.8V and 3V only.

- Some network operators don't offer PIN2 and PUK2, so functions using those passwords will be unavailable.
- The SIM card and its contacts can be damaged by scratches or bending easily, so be careful while handling, inserting or removing the card.
- Keep all miniature SIM cards out of the children's reach.

**Note:** Always make sure that your phone is switched off before you insert or remove the SIM card, otherwise it may damage the SIM card.

### **Mounting**

Remove the battery cover by sliding it. Insert the SIM card, with the notch at the bottom right and the gold contacts face down, into the card slot. Align the card to the arrow sign as the following picture shows:



Replace the battery and close the cover tightly.

**Note:**

- If the SIM Card is installed improperly or damaged, the prompt words "Insert SIM" will display on the screen after you switch on your phone. Remove the SIM Card and follow the instructions explained above to mount it again.
- If "Insert SIM" still appears on the screen after you have inserted the SIM correctly, then please ask the network operator to replace your SIM Card.
- If the screen displays that the SIM card is locked permanently, please consult your network operator.

***Mounting the T-Flash Card***

Insert the T-Flash card, with the gold contacts facing down, and into the card slot. Align the card to the arrow sign as the following picture shows:



## ***Charging the Battery***

**Note:** Please keep your phone connector and charger dry.

1. Connect the connector of the travel adapter to the phone.
2. Plug the travel adapter into a proper AC wall outlet.
3. When your phone indicates that the battery is fully charged, please pull the travel adapter out from the I/O socket of the phone.

**Tip:**

1. If the battery is totally empty or not enough, it may take a few minutes for the charging indicator to appear on the screen.
2. You can turn on/off, and use the phone while charging.

**Warning:** Make sure that the standard voltage/power of the place where you charge the battery matches with the rated voltage/power of our travel adapter.

## ***Switching Your Phone On/Off***

Press and hold Power Key for a few seconds to switch your phone on.

▪ **If the phone ask for a phone lock code:**

Enter the phone lock code, and press OK.

▪ **If the phone ask for a PIN code:**

Enter the PIN code, and press OK. The PIN code is usually supplied with the SIM card.

Please consult your network operator for more information.


▪ **Access the standby mode.**

Press and hold Power Key for a few seconds to switch your phone off.

## ***Waken Up Your Phone***


Slider open the phone, you can wake up your phone.



Press  lock your phone.

Long press  unlock your phone.

## CALLING


### ***Make Calls***


If the icon  appears on the screen, then you can make or receive calls.

In the standby mode, tap **Dial** , enter the desired phone number (should affix the international/ national/ regional code or district code if necessary) and then tap  to make a call.

### ***To Dial International Number***

The phone supports dialing the international emergency phone number, such as 112 and 911. Using your handset, you can dial an emergency call in any country or region under the normal situation regardless of SIM card inserted when the phone is located within the coverage of the GSM network.

Input the emergency phone number and press **send key** or tap  to dial.

- In the idle mode, tap the \* twice to prefix the international symbol +.
- Enter the country code, area code and phone number.
- Tap  to make an International call.

The phone will select the main network automatically after powered on if it is located within the coverage of the main network. The phone can use other network, called as roaming, if the phone is not located within the coverage of the main network when the network operator protocol permits.



### ***Clear Wrong Enters***

If you tap a wrong number, tap (Clear) to erase the wrong number.

### ***Adjusting the Sound Volume***

During a call, you can press the Side Key to adjust the earpiece volume.

### ***Answer/Reject an Incoming Call***


- To answer an incoming call, press the **Call/Send Key** or tap the . You can use the earphone to answer the call when the generic earphone is inserted in the phone.
- To end or reject an incoming/ongoing call, press the **End Key** or tap the .

### ***Options During A Call***

Press <Options> to use the following functions during the call:

- **Hold Single Call:** temporarily hold the current call.
- **End Single Call:** end the current call.
- **New Call:** call the opposite party to build a Call to Many.
- **Phonebook:** enter in the phonebook menu.
- **Messages:** enter in the SMS menu.
- **Call log:** view call logs.
- **Sound Recorder:** record the current call.
- **Background sound:** enter in the background sounds menu.
- **Mute:** open or close the mute mode.
- **DTMF:** open or close the DTMF function during the call.

## GUIDE TO MENU OPERATIONS

All function options about the mobile phone are listed as below with brief descriptions. Slide your trajectory ball right and left to select the icon  of main menu.

### ***File Manager***

You can use various functions to manage all type of files saved in the Memory card or Phone.

### ***Phone Book***

You can fast locate the number of the person you want to contact. Please enter the initial alphabets of the person's name, and related records of the contacts will be displayed in the middle of the screen. You can locate your records by sliding your trajectory ball up or down and pressing it, and then you can view, send SMS/ MMS, call and so on. Slide your trajectory ball left and right and access the caller groups feature.

### ***User Profiles***

#### **General**

1. **Activate**
2. **Customize**
  - **Alert Type:**
    - Ring Only: Just ringing.
    - Vib. Only: Just vibration, no ringing.
    - Vib. then Ring: Ringing after vibration.
    - Vib. and Ring: Ringing and vibration.
  - **Ring Type:**

- Beep once: Beep once when a call is coming.
- Repeat: Rings continuously when a call is coming.
- Ascending: Rings continuously and the volume increases gradually.
- **Incoming call:** You can choose one ring as your desire.
- **Ringtone volume:** Includes the volume setting of Ring Tone. The volume degree is from 0 to 7.
- **Message:** You can choose one ring as your desire.
- **Message volume:** Includes the volume setting of message Tone. The volume degree is from 0 to 7.
- **Keypad:** You can choose one ring as your desire.
- **Key tone volume:** Includes the volume setting of Key Tone. The volume degree is from 0 to 7.
- **Power on:** You can choose one ring as your desire.
- **Power off:** You can choose one ring as your desire.
- **Cover open:** You can choose one ring as your desire.
- **Cover close:** You can choose one ring as your desire.
- **System alert:** A prompt tone will be heard after connect the connector, etc.

### 3. Reset

All settings can be restored to factory settings with this function.

#### **Silent**

In the Silent mode you can't hear any sounds indicates a call or a SMS is coming.

**Note:** Press and hold the # key to enable or cancel the meeting mode.

#### **Meeting**

Please refer to "General" for more details.

#### **Outdoor**

Please refer to "General" for more details.

#### **Power Saving**

This is a special profile which increases the usage time of the phone. In this profile only important functions of the phone will work so the power consumption of the phone will be minimizes.

**My style**


Please refer to "General" for more details.

**Note:** Insert the earphone and access the Headset mode automatically.

**WLAN**

From the Home screen, go to Main menu > WLAN to access Wireless controls and turn Wi-Fi on or off.

**To connect to a Wi-Fi network**

Tap WLAN, wait a moment as phone detects available networks, then choose a network and select Connect. If necessary, enter a password and tap Connect. (Networks that require a password appear with a lock icon. )

**To add Wi-Fi network**

1. From Home screen, go to Main menu > WLAN > Options > Add, A new window is displayed.
2. Follow the on-screen instructions and enter necessary information, then click Done to store settings.

**Settings****Pen Calibration**

If your device does not accurately respond to screen taps, follow these steps to re-calibrate it:

1. Main Menu > Settings > Pen Calibration.
2. Click anywhere on the screen to start calibration, then follow the on-screen instructions to complete the calibration.



## Phone Settings

### Time and Date

You can set Home City, Foreign City, Time/Date, Format and Update with Time Zone.

**Schedule Power On/Off:** You can set the time for auto power on/off.

**Language:** Select the desired language for the display text.

**Pref. Input Methods:** Select the desired input method for the default input method.

**Widget manager:** You can select Audio play, Photo, Date, Calendar, Memo, and so on.

**Encoding:** You can select ASC II , ISO-8859-1 and Windows-1252.

**Display:** You can configure the wallpaper, screen saver, power on display, power off display.

**Themes:** You can choose your theme as you want.

**Greeting Text:** Set the states on, greetings will display when power on.

**Auto Update Time:** It can be set to ON or OFF. (Network Service)

**Flight Mode:** You can set Normal Mode, Flight Mode, Query When Power On.

**Keypad light setting:** You can set State Select, Start Time, End Time.

**Misc. Settings:** LCD backlight: You can set the LCD backlight.

## Network Settings

Please contact the network operator for the following network service.

### 1. Network Selection

You can choose Automatic or Manual to select the network (Auto is recommended). When you select Automatic, the phone will make the preferential selection according to the network where the SIM card belongs. When you select Manual, you are required to select the same network as the registered network with the network operator by SIM card for your use.

### 2. Preferences

Select the Preferred Networks. The default network is the network where the SIM card belongs. Select Options to perform the following operations:

- **Add From List:** Display all PLMN list.
- **New:** Create a new network and set the network priority.
- **Change Priority:** Reset the selected Network Priority.

- **Delete:** Delete the current preferred network.

### **3. Preferred mode**

You can choose GSM only, WLAN only, GSM preferred or WLAN preferred to select the network (Auto is recommended).

### **4. GPRS Connection**

You can choose When needed or Always to select the network (Auto is recommended).

## **Security Settings**

### **SIM Lock**

You will be asked to input the PIN. It can be configured if the PIN is correct. If SIM card is set on, you will need to input the PIN every time you switch on the power. If you enter incorrect PIN three times, you will be asked to enter PUK. PUK is used to release and modify the locked PIN. If PUK is not provided or missed, please consult your network operator.

### **Phone Lock**

You can lock or unlock the phone. Enter the password to activate or deactivate the phone lock. When the phone is locked, you will be required to enter the phone password. 4-8 numbers can be used for the phone password. The default phone password is **1122**.

### **Auto Keypad Lock**

You can lock/unlock the phone keyboard and set the Key Lock Time to None, 5 sec, 30 sec.

### **Change Password**

You can change PIN, PIN2, and phone password.

**Note:** The default password is **1122**.

### **Certificate Manager**

You can read the certificate information of the phone. Including Auth, Certificate and User certificate.

## **Restore Factory Settings**

Access **Settings** to select **Restore Factory Settings** and press OK. All settings can be restored to factory settings with this function. The default password is **1122**.

## **Call History**

### **Missed Calls**

With this function, you can check recent missed calls.

1. Scroll the Up/Down key to select a missed call.
2. Press the left soft key to access **Missed Call Information**, and then you can Delete, Save to Phone book, Call and so on.

### **Dialled Calls**

With this function, you can check recent dialled calls. In this function, you can Delete, Save to Phone Book, Call and so on.

### **Received Calls**

With this function, you can check recent received calls. In this function, you can Delete, Save to Phone Book, Call and so on.

### **Delete Call Logs**

You can delete all records of missed, dialled or received calls with this function.

### **Call timers**

- Last Call: The last call time can be checked.
- Dialled calls: The total time for all Dialled calls can be checked.
- Received calls: The total time for all received calls can be checked.
- Reset All: Reset the counters.

### **Call Cost**

- Last Call Cost: You can check the cost of last call.
- Total Cost: You can check the total cost of all calls.
- Reset Cost: You can modify the cost of call, and reset the cost to 0. PIN2 code is required while modifying.
- Max Cost: You can check and modify the upper limit. PIN2 code is required while modifying.
- Price Per Unit: You can check and modify the call rate. PIN2 code is required while modifying.


**Note:** This function is related to the SIM card. Some SIM cards don't support the function. PIN2 is provided from the network operator. Please consult your network operator to obtain the number.

#### **Text message Counter**


- Sent: You can check and clear the number of sent messages.
- Received: You can check and clear the number of received messages.

**Note:** This function has nothing to do with the SIM card. The amount of sent or received messages will not change even if you change the SIM card.

#### **Dialer**

Main Menu > Dialer, enter the desired phone number (should affix the international/ national/ regional code or district code if necessary) and then tap  to make a call.

Tap **phonebook**, roll the scroll bar up/down or enter the initials letter of the contact's name.

Tap the desired number or name and tap .

#### **Messaging**

##### **Write Message**

You can create and send SMS/MMS to a particular contact.

##### **Conversations/ Inbox**

Inbox sub-menu enables you to view all the messages received on your SIM1/SIM2.

##### **Drafts**

In the **Drafts**, please select **Options**, and then you can send, edit or select other operations.

##### **Outbox**

In the **Outbox**, please select **Options**, and then you can resend, edit or select other operations.

## Archive

This function is used to save has been sent messages.

## Delete message

You can select delete entries form the Inbox, Drafts, Outbox, Send or All messages.

## E-mail

If you select Mailbox and have not set the e-mail account, you will be prompted to set. With the help of Email, you can configure your mail account, which supports POP3/SMTP protocols.

**Tip:** You should consider the local network conditions and consult your network operator and the local dealer for more information.

## Broadcast message

### SIM1/SIM2 broadcast message

This network service enables you to receive all kinds of text messages, such as weather reports or transportation information. Until now, there are several networks afford the service in this world. Please consult your network operator for more reference.

- **Receive Mode:** Turn on or off the Cell Broadcast.
- **Channel Settings:** You can choose Select, Add, Edit or Delete to receive the Broadcast information.
- **Languages:** Select the desired language to display the broadcast message.

**Note:** Your network operator decides whether the language is supported or not.

- **Read message:** Scroll the Up/Down Key to select the message.

## Templates

Your mobile phone saves many messages in common use. You can use, edit, or remove.

## Message settings

### Text message

#### SIM1/SIM2 message settings

- Profile Settings: You can set Profile Name, SMSC Address, Validity Period and Message Type as desired. Please consult your network operator for the number.
- Voicemail Server: Scroll the Up/Down key to select **Voicemail Server** in the **Messages > Message settings > Text message** menu, and select **OK** to access **Voicemail Server**.

**Note:** This service is supplied by the network, such as the message machine service. It enables the caller to leave messages when you cannot or Do Not wants to answer the incoming call. Your number for the voice mailbox is saved in this phone. In standby mode, hold the number key 1 to dial the number of the voice mailbox after the number is configured. Please consult your network operator for more details.

- Common Settings: You can set Delivery Report and Reply Path. Delivery Report function enables you to receive the status report on whether short messages are sent out successfully or not. Please consult your network operator to obtain the function.
- Memory Status: Check the rate of the SIM card and the phone's capacity compared to the total capacity. The exact capacity depends on the message content, the phone and the SIM card.
- Preferred Storage: You can select the SIM card or Phone to save.
- Preferred connection: You can select Prefer GPRS, Prefer GSM or GSM only.

#### Multimedia message

Please follow steps described as below:

**Data account:** You can select one profile from several Profiles to activate, or edit profiles.

#### Common Settings:

1. **Compose:** You can configure Slide time, Creation Modes, auto signature, signature.
2. **Sending:** You can configure Validity period, Delivery Report, Read Report, Priority, Slide Time, and Delivery Time.
3. **Retrieval:** You can configure Home Network, Roaming, Filters, Read Report, and Delivery Report.

4. **Preferred Storage:** You can select the Phone or Memory card to save.
5. **Memory Status:** You can check the Usage, Used space and Free space in Phone or T-Flash card.

#### **Service Message**

1. **Enable push:** You can select Accept all or Disable.
2. **Enable service loading:** You can select Prompt, Auto launch or Disable.

#### **Schedule SMS**

Press the left soft key to access the Add or Options > Add, and then you can set the date, time, message, enter number, and select SIM card. Press Done and Save the message will sent out the message to the number as your desire.

**Note:** The time format of this function is 24 hours.

#### **Conversations**

You can set on or off.

### ***Connectivity***

#### **Conn. management**

You can read the certificate information of the phone. Such as Auth. certificate and User certificate.

#### **Data Account**

You can use this function to edit the account related settings.



#### ***E-mail***

If you select Mailbox and have not set the e-mail account, you will be prompted to set. With the help of Email, you can configure your mail account, which supports POP3/SMTP protocols.

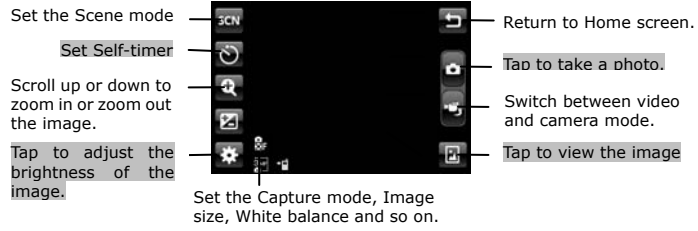
**Tip:** You should consider the local network conditions and consult your network operator and the local dealer for more information.

## Camera

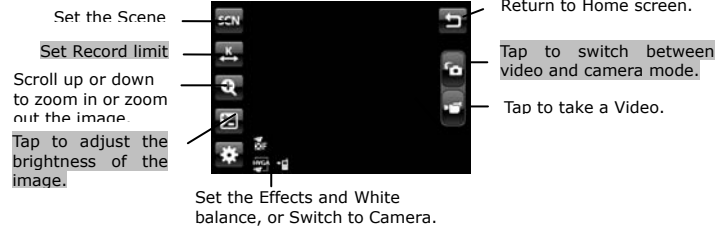
Your phone is equipped with a megapixels camera to take photos and videos.

You can tap   to switch between video and camera mode.

### Camera mode



### Video Recorder mode










### **Image Viewer**

The Image Viewer provides you with a quick view of the picture functions. Please refer to the **Photos** operations of the Camera for more details.

### **Media player**

Media player allows you to play audio/Video files. The phone supports T-Flash memory card, wherein you can store your favorite songs. The Play, Stop, Back, Forward functions correspond to the (     ) button respectively, Please press the side key to adjust music volume, press the (  ) to switch to full screen.





**Warning:** Make sure that the volume is appropriate for your hearing while using the audio player.

### **Photo Editor**

With this function, you can edit your photos as you want.

### **Sound recorder**

The mobile phone supports 3 recording formats: WAV, AWB and AMR.

The start, pause, Stop functions correspond to the (    ) button respectively, the recorded conversations may be saved to the Audio folder under File Manager. If there is a record, press the (  ) you can select: Play, Append (only for AMR), Rename, Delete, List, Settings, Use as and Send.

**Note:** If a call is coming while recording, the record will abort and the data will be paused. AMR adopts dynamic compression and provides a longer recording time than WAV's while utilizing the same storage space.

### **FM radio**

You can use your phone to listen to FM radio stations once the original Headset is plugged into the connector. Please press the side key to adjust music volume. Tap the (⏮) to play/stop the FM radio. Tap the (⏪) to search the channels. Tap the (⏹) to record the FM radio.

### **Calendar**

You can view and edit the memo of a specified date with this function.

### **Task**

You can View, Add, Edit, Delete, Delete overdue, Delete all, Send vCalendar, Save as file and so on as desired. Start up the Memo and press OK. Press Option to access the next step to add a new memo.

### **Alarm**

The mobile phone provides several alarms and you can set them as per your need.

### **World Clock**

Scroll to browse every city's time zones in the world map. The related date and time will be displayed at the bottom of the screen.

### **NOTES**

You can view and edit the memo of a specified date with this function, You can View, Edit, add a new note, Mark several, and Delete as desired.

### **UDX agent**

You can export or import UDX file by UDX agent, Please refer to "Help" for more details.

**Calculator**

The calculator can add, subtract, multiply and divide.

**Unit Converter**

You can make the units conversion for weight and length. Enter the number into the column, and then press "OK" to get the result.

**Currency Converter**

You can make currency conversions. Press **OK** after enter the exchange rate, and then enter the number of the currency, and press **OK** to get the result.

**Stopwatch**

The stopwatch has two modes -- Typical stopwatch and Nway stopwatch, and you can view the records of both of those modes.

**Ebook reader**

The phone supports reading files in the \*.txt format, which is ideal for reading an e-book. Store the \*.txt files in the Ebook folder, and then you can read them via E-Book Reader.

**Answer machine**

This function supports a new auto incoming call answer for you. It can take record of your missing calls.

**Leaving messages**

If you have some leaving messages, you can select play, delete and so on.

## **Settings**

You can set the states of the answer machine.

**Tip:** If you set the states of Remote access option on, you can listen your leaving messages.. You only need to call your own phone number and then press the "Hot key" and "password", and then you can get the information. The default password is "1122".

## **Bluetooth**

You can transfer data, such as music to other device using Bluetooth. Search the device and accept/transfer data. The received data is automatically stored in the directory.

## **Fun & Game**

### **Java**

#### **Java**

You can download the latest Java games and applications from the Internet. Please follow the steps described below to download the application software (the web address) :

- 1> In the standby mode, select Menu > Services > Internet Service > Bookmarks. You should input the web address and name it.
  - 2> To connect to the internet, select Option > Go to.
  - 3> Please choose your favorite application software, and then select Option > Go to.
  - 4> Your phone will ask you download it or not, with their name, version number, type, and size.
  - 5> Select "Yes", and then you should select where to save that application file. Phone is recommended.
  - 6> These downloaded games and applications are automatically saved to the Java.
- Select a Java game or an application and then press the OK key to run it. You can view the details of installed games or applications, remove them from your device, and specify installation settings.
- Warning: Install and use applications and other software from trusted sources only.

### **Java Settings**

This function includes settings of Java Audio, Java Vibration, Select SIM, and so on. You can configure those options as desired.

### **Java Default Security**

There are 4 options you can set: Third Party, Untrusted domain, Restore Default and Domain Options. For Third Party and Untrusted domain, you can define which functions the Java application can access. The value that you can set for each functionally depends upon the protection domain of the software package.

- Network access: Create a data connection to the network
- Auto Invocation: Open the application automatically.
- Messaging: Send messages.
- Multimedia: Capture images or record videos or sound.
- Read user data: Read your calendar entries, contacts, or any other personal data.
- Write user data: Add personal data, such as entries to Contacts.
- Local connectivity: set Prompt at first, Prompt once, Never, Prompt always.

After you finished settings, please press OK to save.

### **Services**

#### **STK**

This service is offered as the SIM card service provided by the network operator.

**Appendix A: Guidance on Entry Methods**

This phone provides input methods, which can be used in editing the Phone Book, short messages, and other text applications.

**The Icons of Input Methods**

After entering different kinds of edit windows (including edit phonebook, short messages, etc.), the icons of input are as follows:

“**123**”: The Entry method of Numeric appears as: “123”

“**ABC**”: The entry method of Multitap ABC appears as: “ABC”

“**abc**”: The entry method of Multitap abc appears as: “abc”

“**Abc**”: The entry method of Multitap Abc appears as: “Abc”

“**ES**”: The entry method of Multitap ES appears as: “ES”

“**Es**”: The entry method of Multitap ES appears as: “Es”


“**es**”: The entry method of Multitap es appears as: “es”


“**FR**”: The entry method of Multitap FR appears as: “FR”



“**Fr**”: The entry method of Multitap FR appears as: “Fr”

“**fr**”: The entry method of Multitap fr appears as: “fr”


**How to Switch Between the Input Methods**

Press the  key to switch the input methods.

e.g.: If the current input is Smart abc the screen will show “eZi abc”. Press the  key, to go to abc, and the screen will show “abc”.

Press  key to switch the uppercase and lowercase; Press the  key to switch the letters/ numbers/ symbols between the upper row and the lower row.

## How to Input Special Symbols

If you want to input special symbols, such as "@" = "<>", etc., please press the  key at the right bottom of your keypad.

## **Appendix B: FCC Statement**

### **FCC STATEMENT**

1. 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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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

NOTE: This equipment 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 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 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.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. \* Tests for SAR are conducted with the phone 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 phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at



the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is **1.016W/Kg** and when worn on the body, as described in this user guide, is **0.344W/Kg**. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone 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: [ZC4SL20](#). Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>. \* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

### Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 1.5 cm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

### Appendix C: Troubleshooting

This section lists some problems that you might meet while using your phone. If you feel that your phone do not operate normally, please reset settings first, and then follow Troubleshooting Guide. If you are still unable to solve problems, please contact the authorized service center or the store from where you have purchased the phone.

Problems	Solutions
Can not answer or make a call	Make sure that the phone has been switched on. Make sure that the battery is charged. Make sure that the signal intensity is high enough. Make sure the own number function in the call setting is system preset or number sending. Make sure the line switch in call setting is the system preset line. Check whether you have set up call barring or fixed dialing or any other safety function. Check whether you have set up call diverts. Check whether you have inserted the SIM card correctly.
Low voice	Check if the volume has been set too low.
No ring	Check whether you have set up the " Silent" option. Check whether the ring volume is not too low. Move away from a noisy place to check if you can hear the phone ringing. Check whether you have set up call diverts.
T-Flash card detect slowly	Format your T-Flash card with your phone. <b>Note:</b> To protect your files from getting lost, please backup the important information into the safe place before formatting the card.