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1 For your safety

Read these simple guidelines. Not following them may be dangerous or illegal. Read the complete user guide for further information.

SWITCH ON SAFELY

Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

ROAD SAFETY COMES FIRST

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.

INTERFERENCE

All wireless phones may be susceptible to interference, which could affect performance.

SWITCH OFF IN HOSPITALS

Follow any restrictions. Switch the phone off near medical equipment.

SWITCH OFF IN AIRCRAFT

Follow any restrictions. Wireless devices can cause interference in aircraft.

SWITCH OFF WHEN REFUELING

Do not use the phone at a refueling point. Do not use near fuel or chemicals.

SWITCH OFF NEAR BLASTING

Follow any restrictions. Do not use the phone where blasting is in progress.

USE SENSIBLY

Use only in the normal position as explained in the product documentation. Do not touch the antenna unnecessarily.

QUALIFIED SERVICE

Only qualified personnel may install or repair this product.

ENHANCEMENTS AND BATTERIES

Use only approved enhancements and batteries. Do not connect incompatible products.

WATER-RESISTANCE

Your phone is not water-resistant. Keep it dry.

BACK-UP COPIES

Remember to make back-up copies or keep a written record of all important information stored in your phone.

CONNECTING TO OTHER DEVICES

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products.

2 Start

2.1 Package Contents

Wifi phone	x1
Battery	x1
USB line	x1
Adapter	x1
Quick guide	x1

2.2 Phone Specification

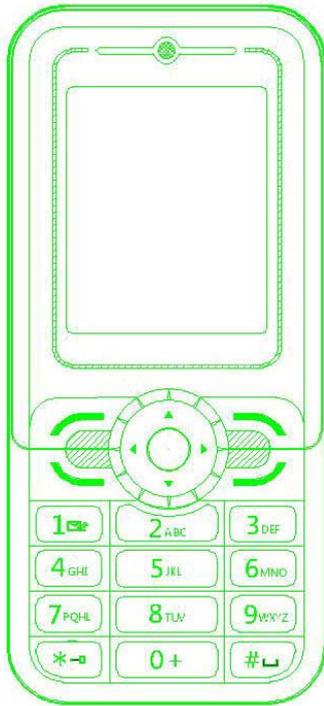
Dimension	100* 45* 18 mm
Weight	76g (including battery)
Battery	Rechargeable battery, 3.7V, 850mAh
Adapter	Input AC 100-220V / output DC 5V 1A
Protocol	SIP v2, RFC3261/STUN、RTP
LCD	Color LCD 1.8", 128*160

NOTE

- The standby time depends on the network conditions, phone usage and surrounding area. The phone consumes more battery power under the following conditions:

1. In areas with weak signals, with high or low temperatures, or when used outside the service coverage area.
2. When the phone frequently searches for network signal due to location changes.
3. When users talk on the phone for long periods of time (+ - 3hrs).
4. The Alarm, Backlight or Vibration function is active.
5. Ring or listening volume is set to maximum.

2.3 Handset Description



Key	Function
Left soft key	Select/done
Right soft key	Back/clear/exit
Answer key	Answer/dial
End key	Reject/end/back/power on/power off
Up	Up/increase
Down	Down/decrease
Left	Before/decrease
Right	Next/increase
OK	Same to the left soft key

Number key 1	Number 1 and symbols in common use " . " "—" " ? " "@ " " 1 "
Number key 2	Number 2 and characters ABC
Number key 3	Number 3 and characters DEF
Number key 4	Number 4 and characters GHI
Number key 5	Number 5 and characters JKL
Number key 6	Number 6 and characters MNO
Number key 7	Number 7 and characters PQRS
Number key 8	Number 8 and characters TUV
Number key 9	Number 9 and characters WXYZ
Number key 0	Number 0/+-*% and for blank
Symbol *	Symbol * / symbols
Symbol #	Symbol # /shift input

2.4 Key Pad Define and Text Entry

Key	Text Mode		Key	Text Mode	
	Normal (ABC)	Numeric (0-9)		Normal (ABC)	Numeric (0-9)
1		1	7 ^{PQRS}	pqrsPQRS	7
2 ^{ABC}	abcABC	2	8 ^{TUV}	tuvTUV	8
3 ^{DEF}	defDEF	3	9 ^{WXYZ}	wxyzWXYZ	9
4 ^{GHI}	ghiGHI	4	0 [@]		0
5 ^{JKL}	jkIJKL	5	* [.]	* @ . _ - *#()%&+	.
6 ^{MNO}	mnoMNO	6	#	#	#

2.5 Write Text

The number keys are not labeled all the letters that they can input. Letters that can be input refer to the language you select. This phone support English and Simple Chinese input.

English:

- Press the number keys 1 to 9 continuously until the right character appear.
- Press the key that character is labeled, once for the first character, twice for the second, so on and so forth.
- If the letter you want is at the same key with the before letter, you can press the left or right key, then enter the new letter.
- Press the key of number 1; you can input some interpuctions you frequently use.
- Select "clear" to delete the character before the cursor.

2.6 Fit Battery

Push the battery cover upon and take it away, set the battery into the storehouse, then push the cover back to the phone.

2.7 Charge Battery

1. Link the USB line to the USB interface of PC, or link the USB line to the adapter, then link the adapter to the voltage of 220V for charging.
2. After that, the battery indication will start to roll while charging; when the phone finish charge, the indication will stop rolling, please pull out the adapter to use.

2.8 Power On /Off

Power On

Press the End key for 2 seconds, the phone start to respond and power on. You need to setup the phone first, if you have finished setting, the phone will search for the set WLAN automatically.



Setting needed



Standby mode

Power Off

Press the End key for 2 seconds, the phone will start to respond and power off.

2.9 Keypad Lock

Active: at standby mode, press * key first, and then # key

Unlock: press the * key first, and then # key



2.10 WLAN and VOIP Setting

This product support IEEE802.11b/g and SIP protocol, the default setting is without SIP information, you should get the SIP name, password and domain from operator first.

For example, the information of the WLAN you're going to use is:

SSID: WIFIAP

Security type: WEP-open

Password/Text: WIFI (or Hex key: 1016A386E)

The information of the SIP server you're going to use is:

SIP server (domain) : 51.108.26.31 (or maybe in the form of: sip.wifi.cn)

User name (SIP phone number): 123456

SIP phone number: 123456(phone number could be the same to user name or not, that due to the setting of SIP server.)

Password: 1234

A: Search Available WLAN

1. At standby mode, press the left soft key or OK key to enter the main menu.
2. Select **4 setting>2 WLAN setting>2 WLAN search**, press left soft key or OK key to start WLAN searching.
3. After searching, there will be a list to show you the available AP, with security type and signal strength. Select the one with highest strength (if this AP is permitted to use), press left soft key or OK key to setting.

Note: The security type of the selected AP was shown at the searched AP list. We take the type of WEP-OPEN for example here; you can set other types by following the indication.

B: Connect WLAN

1. Set the **SSID** name **WIFIAP** first (the default name is the one you have just selected), press left soft key or OK key to

enter **change** menu.

Enter SSID

2. Select **2 security type>2 WEP-OPEN> 1 WEP Key index> 1 WEP Key 1**,press left soft key or OK key and enter the **WEP-OPEN** menu again. If the security type is "Open", go to Step 4 directly.

3. Select **2 key / Pass> 1 Passphrase/2 Hex Key**, press left soft key or OK key enter the **Enter key (Hex)** mode, key of the SSID is the one of the AP you have just selected., then press the left soft key or OK key enter **change** menu again.

Enter passphrase Enter hex key
 or

4. Select **3 IP setting>1 use DHCP** (If the WLAN you selected support DHCP server), press left soft key or OK key to enter **change** menu again.

You can also select **static IP**, follow the indications, and enter the IP address, net mask, gateway, DNS address in turn. And back to **change** menu after setting.

5. Select **4 Save and Use**, press left soft key or OK key to enter the **Save and Use** menu.

6. Select **1 do not use**, press left soft key or OK key enter **WLAN Setting** menu again, finish WLAN setting.

C: SIP Server Register

1. Wifi phone number setting

You should get SIP phone number (SIP user name), password and SIP server domain from operator first.

Select **3 VOIP setting> 1 change> 1 VOIP identify> 2 SIP number**, press left soft key or OK key, input SIP phone number, press left soft key or OK key and enter the **VOIP change** menu again.

Enter phone no.

2. SIP domain setting

Select **3 VOIP setting> 1 change> 1 VOIP identify> 3 SIP domain**, press left soft key or OK key, input SIP server address, press left soft key or OK key and enter the **1 VOIP change** menu again.

Enter domain Enter domain
 or

3. SIP server authentication

Select **3 VOIP authentication> 1 SIP user name/ password**, then press left soft key or OK key and enter the **1 VOIP change** menu.

Enter user name Enter password
 and

4. SIP Server Setting

Select **3 VOIP server> 1 SIP server address/SIP proxy address**, press left soft key or OK key and enter the **VOIP change** menu.

Enter SIP server address Enter SIP server address
 or

- Note: 1. STUN protocol is set in SIP server currently; you needn't to set in your handset again. If the SIP you registered doesn't support STUN, you can search for it on internet and set in your handset.
 2. The port number of VOIP protocol is default; you needn't to set in your handset again except your operator provides you another one. To set it, enter the symbol ":" after the SIP sever address, and then input the port number.

Enter SIP server address

3. This edition doesn't support voice mail now.

2.11 Dial/Answer Call

1. Enter the integrity number, or you can search the number from the phonebook;
2. Press the Answer key to call the number; you can press up/down key to set the volume of the receiver.
3. Press Answer key to answer a call, to reject a call press the End key.

3 Menu Function

You can press left soft key to enter the main menu at standby mode, and then choose the function you want. Press right soft key "back" you will back to the higher level menu. Press the End key you will back to the standby mode.

Not all menu functions or option items are described here.



3.1 Call

Phonebook

Select **Menu>Call>Phonebook**, You can save names and phone numbers in the phone memory. The internal contact list can store up to 200 names.

You can also use the following options in the Phonebook menu:

Phone numbers----- classify the number and store

Special ring----- select the special ring for the entry

Edit name----- edit name for the entry

Delete entry----- delete entry from phonebook

Find name and number from phonebook

1. Scroll down in the standby mode, select **Menu>Call>Phonebook>Find/Add name**.
2. Enter the first letters of the name. Scroll to the name that you want.

You can press # to switch the input method.



Dial

Select **Menu>Call >Dial**, you can enter the number you want and call it then.

Recent Calls

Select **Menu>Call>Recent calls**, The phone logs 10 phone numbers each of missed, received, and dialed calls; the approximate duration of all calls.

The phone logs missed and received calls if it is switched on, within the network service area, and the network supports these functions.

Speed Dial

Select **Menu>Call >Speed Dial**, you can dial the number key once for a call number.

3.2 Message

Create

Select **Menu>Message>Create**, then edit a new message here and sent it out.

Inbox

Select **Menu>Message>Inbox**, you can look over the messages you have received here. This box can only store 20

messages at most, when it's full, please delete some old once in time.

Outbox

Select **Menu>Message>Outbox**, you can look over the messages you have sent here. This box can only store 20 messages at most, when it's full, please delete some old once in time.

Drafts

Select **Menu>Message>Drafts**, you can look over the messages you have store here. This box can only store 20 messages at most, when it's full, please delete some old once in time.

Note: Before you send messages, be sure the SIP server you've used support this function.

3.3 Play

You can play the melody, key tones and system tones internal here.

Select **Menu>Play**, select the entry you want, press left soft key "select" to play.

3.4 Utilities

Stop watch

Select **Menu>Utilities>Stop Watch**, press left soft key to active the stop watch and start to time.

Calculator

Select **Menu>Utilities>Calculator**, Press keys 0 to 9 to insert digits and # to insert a decimal point. Press * to select algorithm, and left soft key to get result.

Note: This calculator has limited accuracy and is designed for simple calculations.

Calendar

Select **Menu>Utilities> Calendar**, press up/down/right/left key to look over.

3.5 Setting

You can change the phone settings in this menu.

Phone Setting

Volume Setting

Select **Menu>Setting>Phone Setting>Volume Setting**, you can set the volume of receiver, speaker, ring, keypad.

Alert/Ring

Select **Menu>Setting>Phone Setting>Alert/Ring**, you can select special ring, or set the phone to vibrate when you receive a call

Speakerphone

Select **Menu>Setting>Phone Setting>Speakerphone**, you can set it on or off.

Screen/Keys

Select **Menu>Setting>Phone Setting>Screen/Keys**, you can set contrast, backlight, key repeat, key click volume here.

Language

Select **Menu>Setting>Phone Setting>Language**, to select the menu language you want (including English, Korean and Chinese).

Telephone Tones

Select **Menu>Setting>Phone Setting>Telephone Tones**, select telephone tones mode.

Edit Greeting

Select **Menu>Setting>Phone Setting>Edit Greeting**, you can edit greeting for your phone.

WLAN Setting and VOIP Setting

See page 7 for details.

Security Type

Select **Setting>WLAN Setting>WLAN/IP Setting>Change>Security Type**, this product support security type of Open, WEP, WPA2, WPA-PSK, WPS, you choose the different type for different WLAN. The operation is the same to the WEP-Open type; you can set it following the indication.

Time/Date

Select **Menu>Setting>Time/date**, you set the time and date of your phone here. You can also select a mode of the time/date format.

Upgrade Server Address

Select **Menu>Setting> Upgrade Server Address**, enter the address in window, when you start to upgrade, the system will connected to it automatically.

Firmware Upgrade

Select **Menu>Setting> Firmware Upgrade**, the system will check for the new files and upgrade automatically.

Erase All

Select **Menu>Setting> Erase All**, to reset some menu settings to their default values

3.6 Status Summary

This handset provides user shortcut to look over the settings, there will be a detail list after you setup your phone.

Note: You can only look over the information here, if you want to change your settings, go back to the setting menu.

3.7 WLAN Scan

You can scan the WLAN quickly here.

4 Basic Trouble Shooting

QUESTION	RECOMMENDED ACTION
Why can't I switch on?	<ol style="list-style-type: none"> 1. Check if the battery is inserted correctly. 2. Check if the battery is running out of power. Connect the handset to PC or voltage.
Why is there no signal?	<ol style="list-style-type: none"> 1. Check if there is any available AP. 2. Check if AP is setting correctly. <p>Check if AP settings (SSID, WEP key) of WLAN are correctly.</p>
Why is nothing displayed on the LCD screen?	<ol style="list-style-type: none"> 1. Check if battery is running out of power.
Why can't I make a call?	<ol style="list-style-type: none"> 1. Make sure you have registered the SIP server correctly. 2. Make sure you have setup the WLAN correctly. 3. Make sure the number you dialed is available.
Why isn't my firmware upgrading?	<ol style="list-style-type: none"> 1. If the version of your handset is the latest, it won't update again. 2. Check if the upgrading address is correct.

Why can't I roam?

1. Your handset can roam only between the APs with same SSID name and password, if not, you have to set it up again.