



Unimes U1

User Manual

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1 Introduction

1.1 Appearance of U1



Figure 1-1 Front view of U1



Figure 1-2 Front view of U2



Figure 1-3 Rear view of U1/U2

1.2 Installing an SD Card

To install an SD card, do as follows:

1. Push the card cover along the direction marked on the cover and open the cover.
2. Insert an SD card.
3. Press the SD card downward and lock the card along the IN direction marked on the cover.

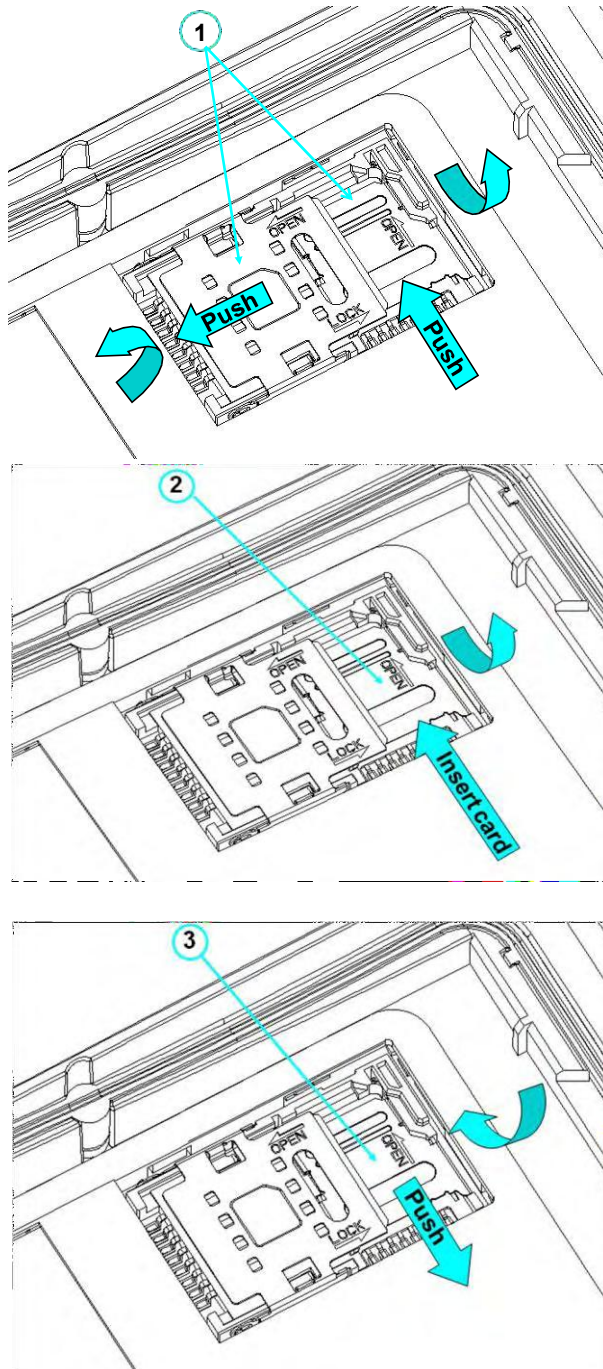


Figure 1-3 Inserting an SD card

1.3 Installing a SIM Card

To install a SIM card, do as follows:

1. Insert a SIM card along the direction, as shown in Figure 1-4.
2. Press the card cover downward.
3. Push the SIM card along the LOCK direction to lock the card cover.

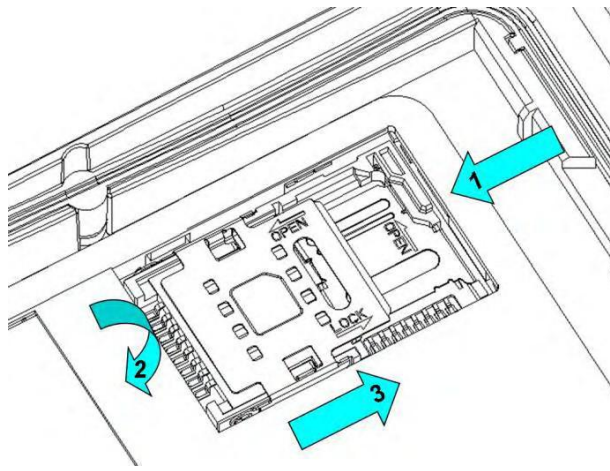


Figure 1-4 Inserting a SIM card

1.4 Installing a Battery

To install a battery, do as follows:

1. Push the battery to the bottom of the battery compartment.
2. Press the top of the battery downward to tighten the battery.
3. Push the joint at the bottom of the battery cover into the back shell.
4. Push the lock to the left and press the battery cover downward until the lock automatically returns to the location on the right.

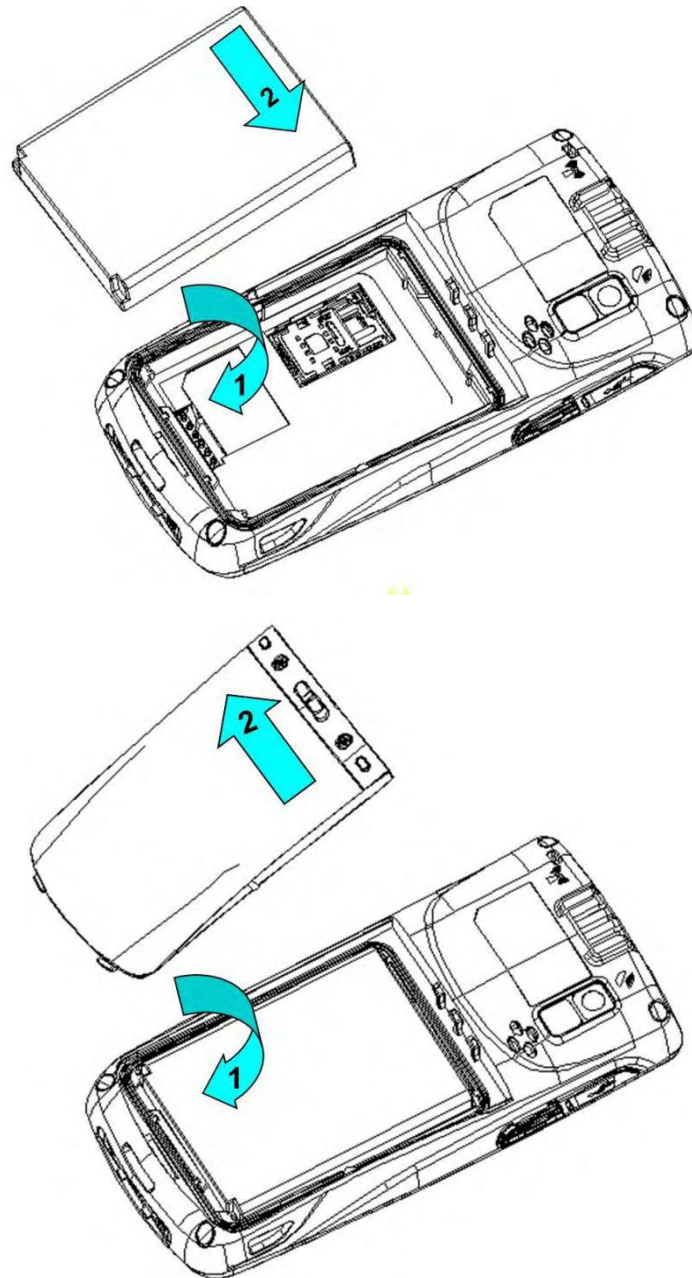


Figure 1-5 Installing a battery

1.5 Disassembling the Battery Cover

To disassemble the battery cover, do as follows:

1. Insert your left forefinger into the upper left part of the battery cover and push the lock to the left by using the thumb.
2. Pull out the battery cover.

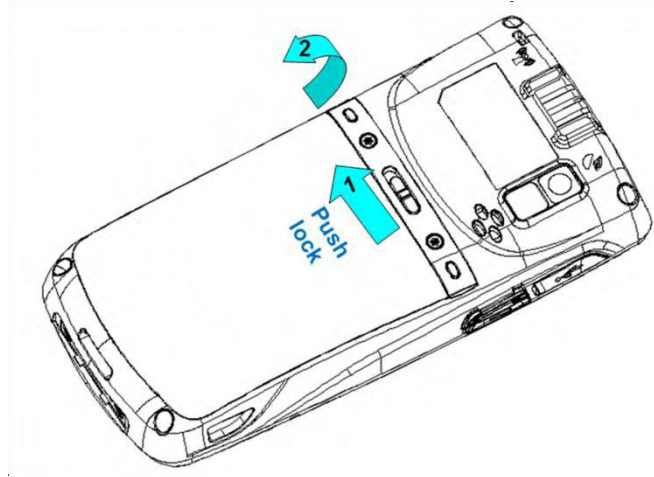


Figure 1-6 Disassembling the battery cover

1.6 Charging

You can charge the U1 in the following ways:

1. Charge the U1 by using bottom charging cable.
2. Connect the U1 to a PC by using a USB cable to charge the U1.

In the charging status, the LED is red. When the LED becomes blue, charging is complete.

When the battery volume is insufficient, the U1 displays alarm information.

When the battery volume is too low, the U1 is automatically powered off.

★ Caution

The battery can be charged for more than or less than three hours. The battery will not be damaged if charging is interrupted. The duration of the battery depends on different applications of the U1, for example, selected functions of U1, usage mode, and data transmission.

★ Tips



To ensure a longer standby time of the U1, follow the following tips:

- ♦ Always connect the U1 to the AC power supply when you do not use it.
- ♦ In settings, set the time to sleep to a smaller value for the U1 by selecting **Home > Applications > Settings > Display > Screen Delay**.
- ♦ Stop all wireless activities when you do not use the U1.

2 Instructions on the U1


2.1 Power-on and Power-off

After installing a SIM card and a battery and fully charging the U1, you can use the U1.


1. To power on the U1, press and hold the On/Off key  for some time. The power-on page is displayed. After the guiding progress is complete, the U1 enters the Android system. It takes some time to initialize the U1. Please wait patiently.
2. To power off the U1, press and hold the On/Off key  for some time. After a dialog box for powering off the U1 is displayed, click **Power Off**.

2.2 Locking and Unlocking the U1

Locking U1

Press and hold the On/Off key  for a short time to lock the U1. If you do not perform any operation within the default and preset time to lock the U1, the U1 is locked automatically.

Unlocking the U1

Press and hold the On/Off key  for a short time and slide the unlock key on the screen to the right to unlock the U1.



2.3 Keys of U1

The U1 provides a physical keypad that has 22 keys, as shown in the following figure. Keys are divided into function keys, numeric keys, symbolic keys, and scan keys.

On the physical keypad of the U1, the left and right function keys and the yellow scan key correspond respectively to the menu key, return key and scan key.

Scan key: Used to scan data.

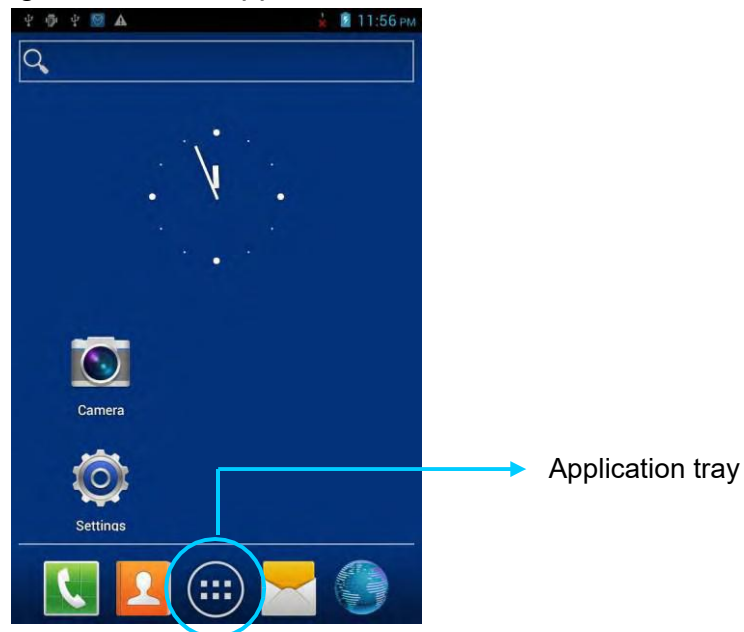
Return key: Used to return to the previous operation page.

Menu key: Used to display a menu.



2.4 Home

The U1 has five home pages. Slide to the left or right to switch among the pages. Click any application on the home page to start the application.


















★ Tips

- You can add application icons in blank space of the home page.
- Click the application tray to view all applications.

2.5 Status Icons and Indicators

Status icons and indicators are in the status bar in the upper part of the screen and show device status and notifications.

Table 2-1 Status icons

Icon	Description	Icon	Description
	WLAN		Signal strength
	EDGE		Offline mode
	USB connection		Internet access restricted
	Missed calls		USB debug
	New messages		Charging
	Modem logs		Full power
	Mute mode		There are multiple notification icons, which are beyond the scope of display.
	Connect to Pea		

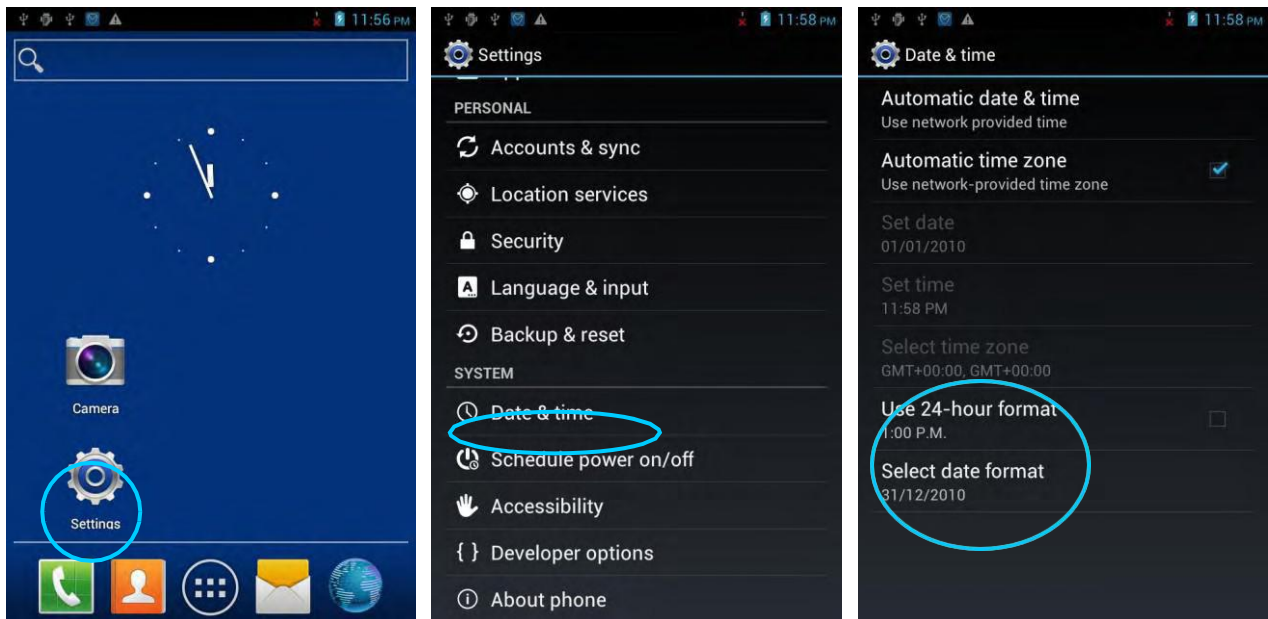
★ Note

The applications of the U1 are often upgraded. Therefore, the status icons may be different from those on the U1. The actual status icons prevail.

2.6 Basic Settings

2.6.1 Date and Time Setting

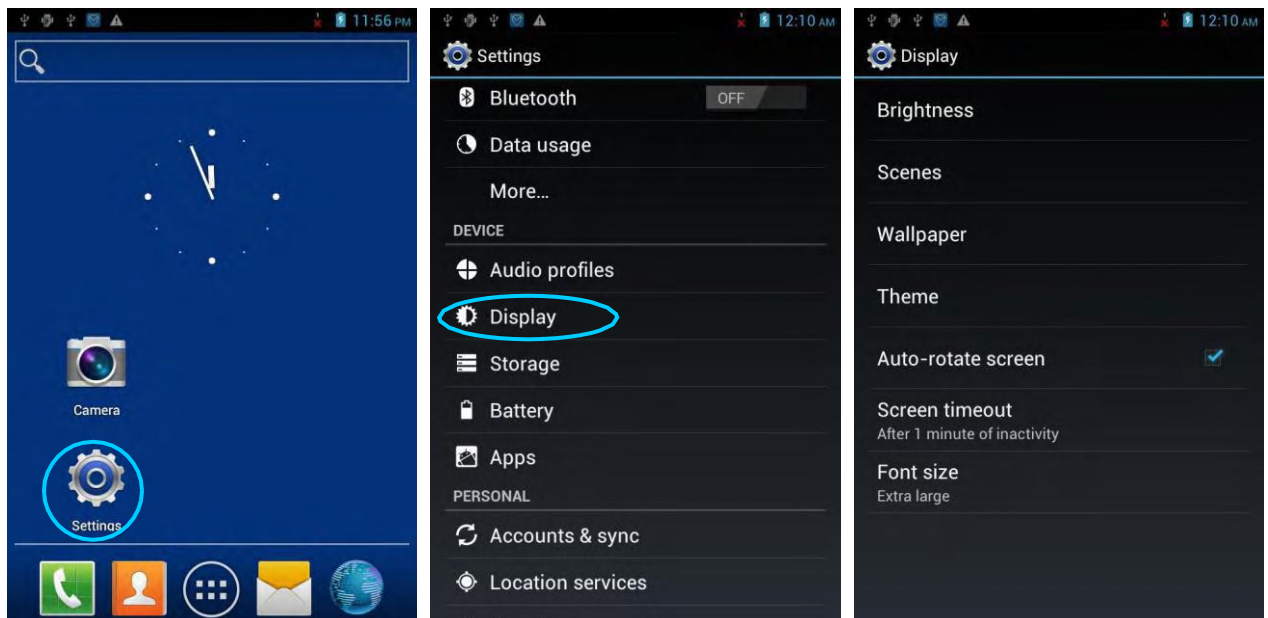
To change the date and time in the U1, do as follows: Select **Settings > Date & time** and click **Set Date** or **Set time**.



2.6.2 Display Settings

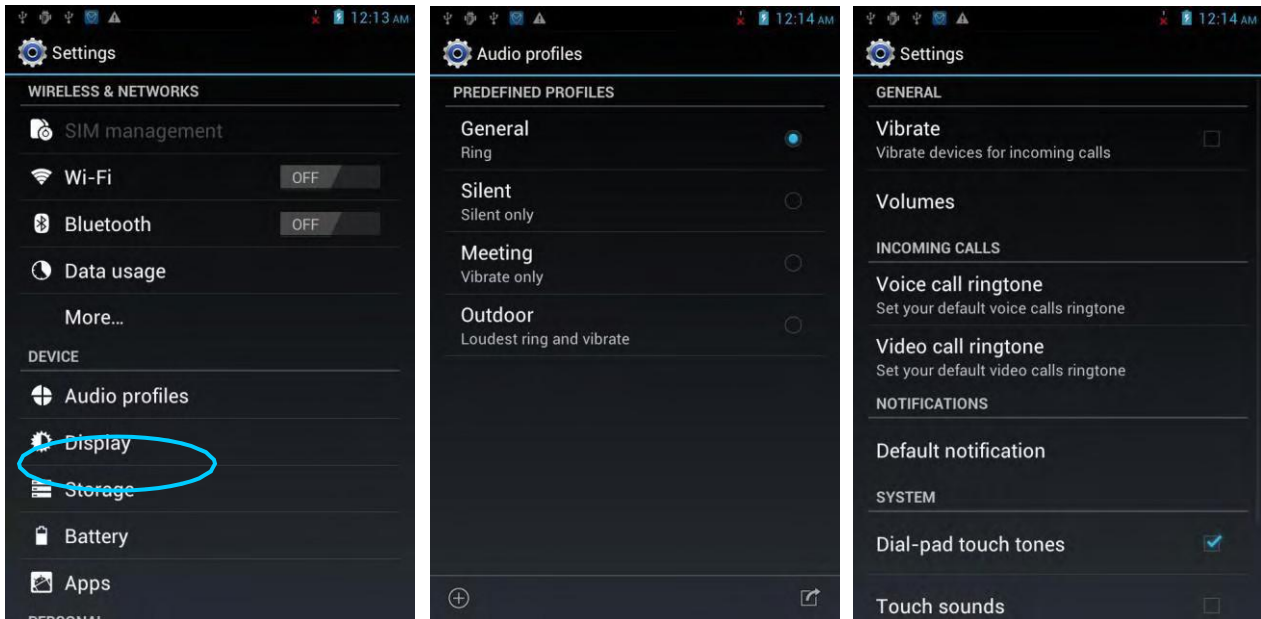
Find the following icon:

Select **Settings** > **Display** and set display options such as **Brightness**, **Wallpaper**, **Auto-rotate screen**, and **Font size**.



2.6.3 Ringtone Setting

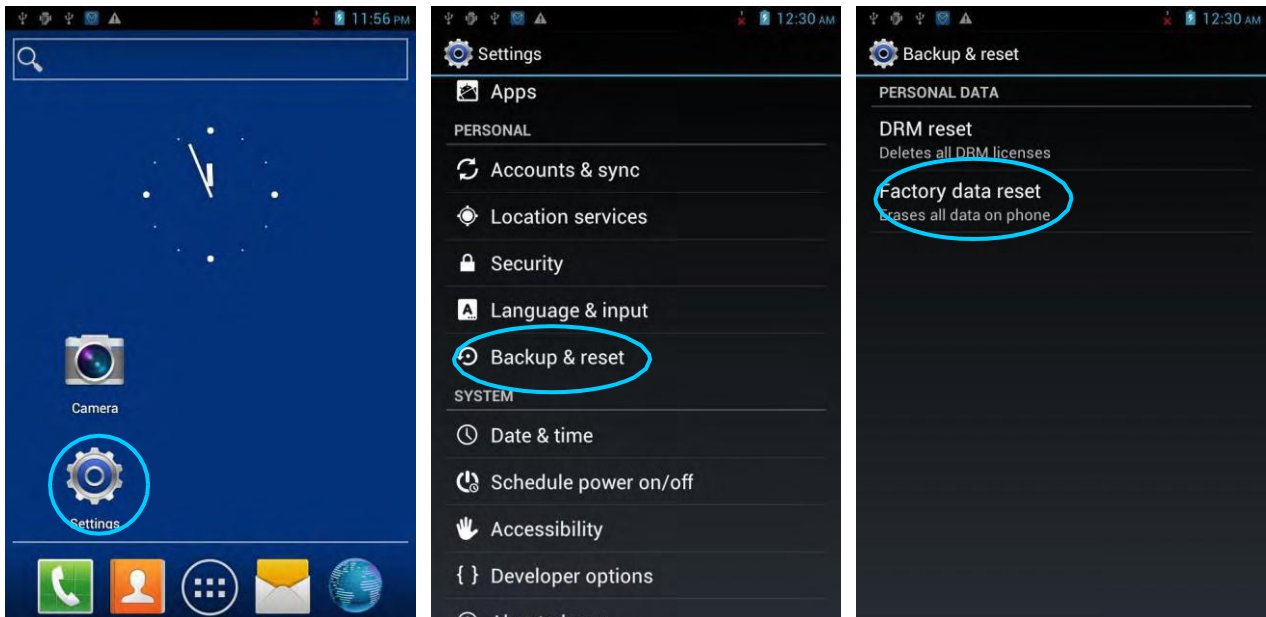
Select **Settings** > **Audio Profiles** and click **General/Silent/Meeting/Outdoor** to set the ringtone in the corresponding mode.



2.6.4 Security Setting

Select **Settings** > **Reset** > **Factory data reset**.

Click **Clear all**. The U1 starts to restore the factory settings.



★ Caution

This operation will clear the following data in the U1:

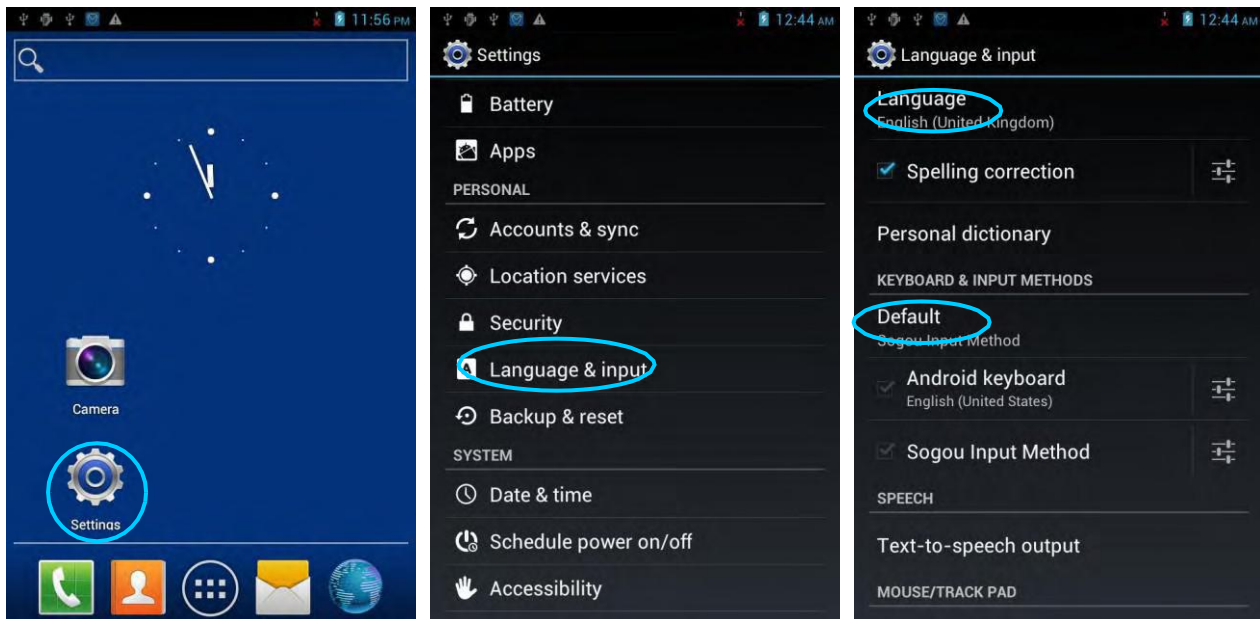
- ♦ Account
- ♦ Data and settings of the system and applications
- ♦ Downloaded applications

This operation does not clear the following data:

- Current system software and bound applications
- Files in the SD card, for example, music and pictures

2.6.5 Language and Input Setting

Select **Settings** > **Language and input**. In the displayed list, select the desired language. Click **Default** and select the desired input in the list.



2.6.6 Shortcuts

You can add shortcut icons on the home page of the U1.

On the home page, click the application tray icon, select and drag the icon to be added to the home page.

2.6.7 Widgets

You can add widgets such as clock, music player, and calendar on the home page of the U1.

On the home page, click the application tray icon, slide the screen to the widget page, select and drag the widget to be added to the home page.



Click the icon of the widget to open the widget.

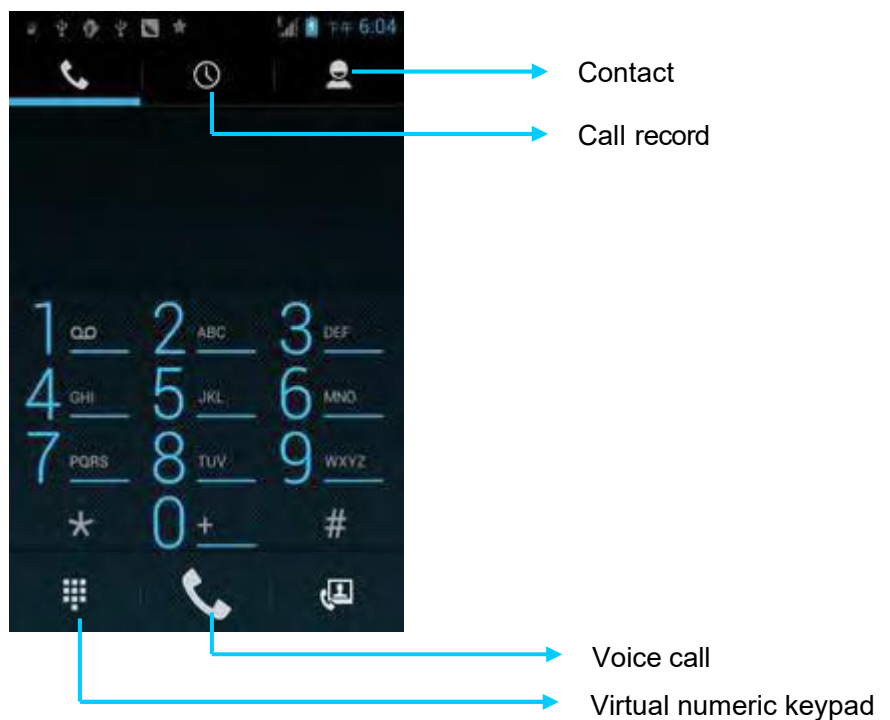
3 Call Function

3.1 Making a Call

Find the following icon:




1. Enter a telephone number by pressing number keys.
2. Click .
3. Click  to terminate the call.

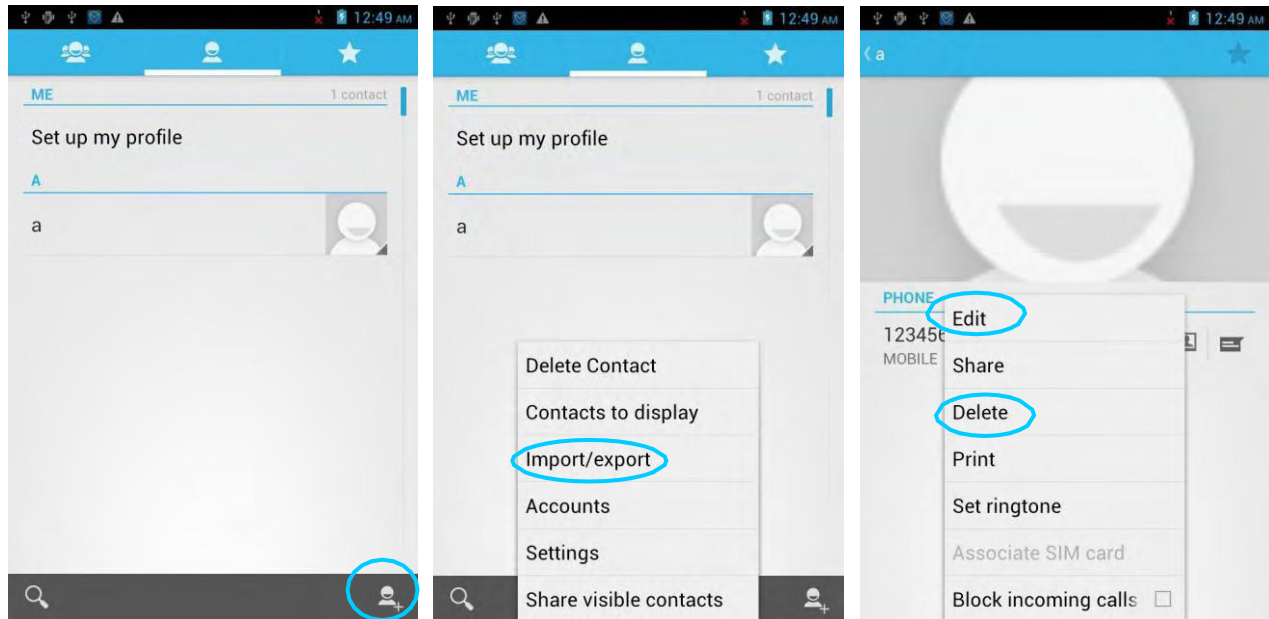


3.2 Contacts

Find the following icon:






1. Click **Contacts** to open the contact list.
2. To add a contact, click .
3. To import or export contacts, press the menu key to open the menu and click **Import/export**.
4. To edit or delete a contact, select a contact, press the menu key to open the menu and click **Edit** or **Delete**.



3.3 SMS and MMS

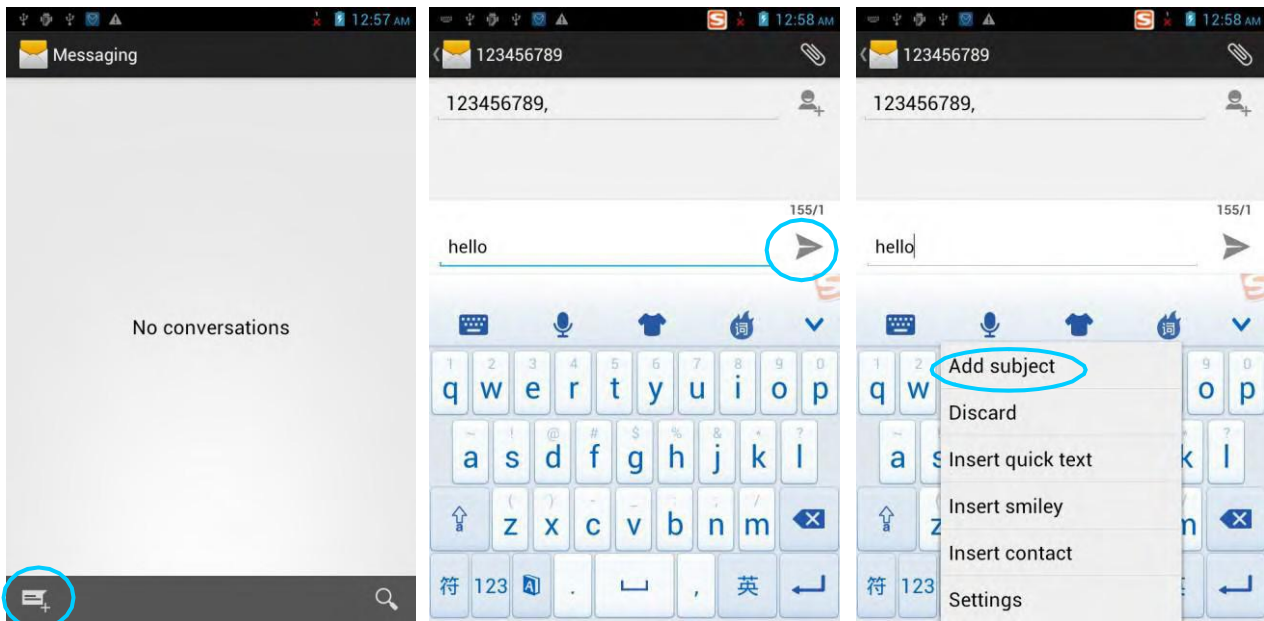
Find the following icon:



1. Click  and enter the message recipient and the text to be sent.
2. Click  to send the message.
3. On the message editing page, press the menu key to open the menu and click **Add Subject**. Convert the message to be sent into a multimedia message and click .

★ Tips

Click  to add attachments such as picture, video, and audio files.



3.4 Email

You can send or receive emails.

★ Note

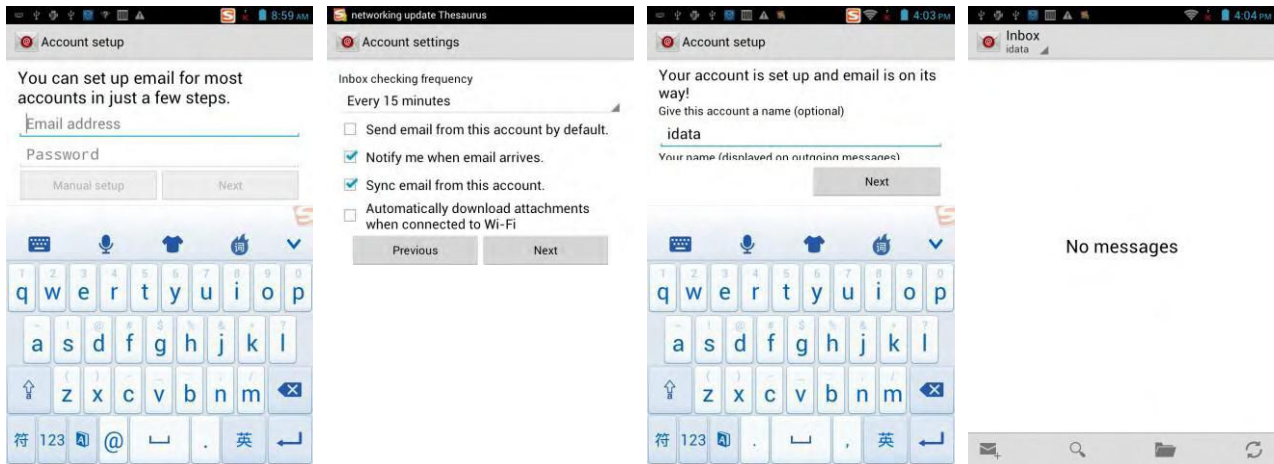
To create an email account on the U1, you need to set the account on a PC. For example, to create a QQ email account, log in to the QQ mailbox, click **Settings** in the upper right corner of the mailbox to access the account options. Find the server options and email receiving options, select all, and click **Save**.

To set a mailbox on the U1, do as follows:

Find the following icon:

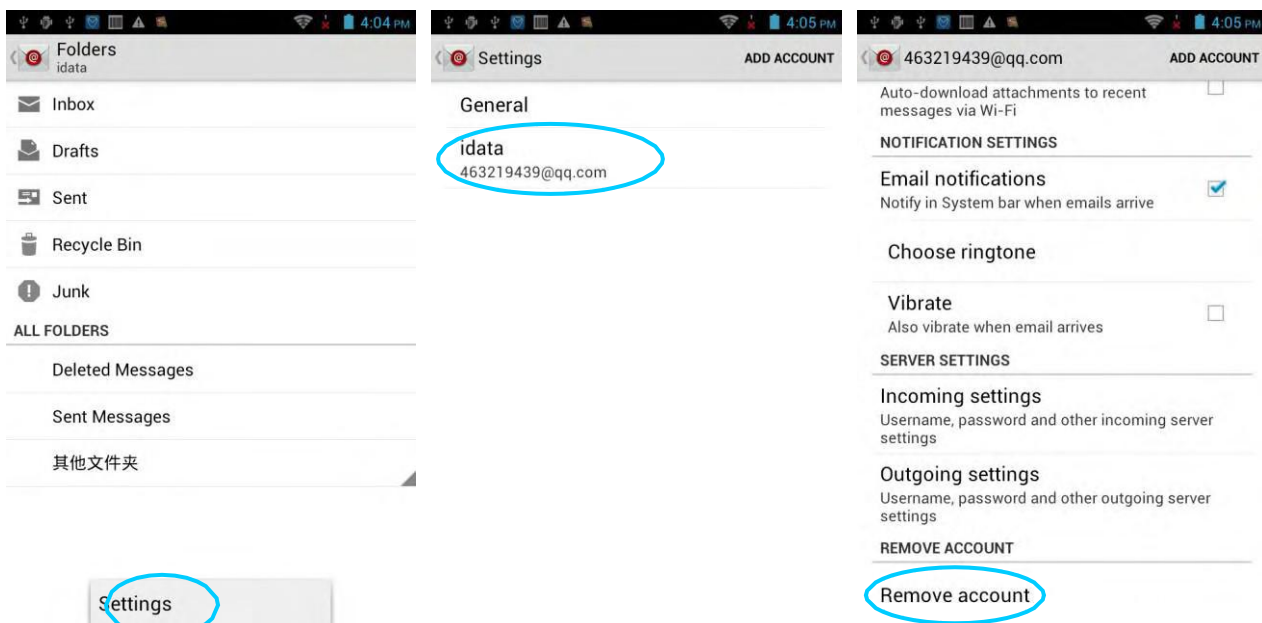


1. Enter the email address and password and click **Next**. The system starts to connect the email account.
2. Set **Inbox checking frequency** and click **Next**.
3. Create a name for this account and click **Next**. The **Inbox** page is displayed.



To delete an account, do as follows:

1. On the mailbox page, press the menu key and click **Settings**.
2. Click the email account to be deleted and access the setting page.
3. Click **Remove account**.

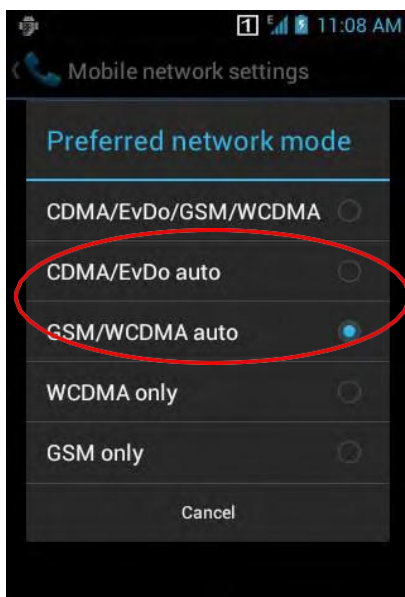


4. Network and Connection Synchronization

4.1 Data Connection

By default, the network is configured for the device upon delivery. If you delete the network configuration by mistake, you can manually select a network through software configuration.

In hardware, different antennas are used in two network modes. In software, you need to perform the following configuration: Select **Settings** > **More** > **Mobile Networks** > **Network Mode** and manually select the CDMA or GSM network.

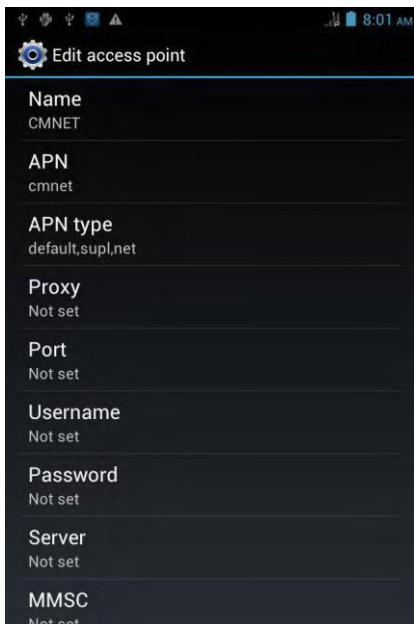


Select one of the options in the figure according to actual conditions.

After a GPRS data connection is established, you can access the Internet.

To establish a GPRS data connection, ensure that a SIM card is installed in the U1. Generally, the U1 has configured Internet access. If you delete the default configuration by mistake, set the network as follows (assume that China Mobile's network is used):

Select **Settings > More > Wireless & networks > APN > CMNET** and set the following options as follows:

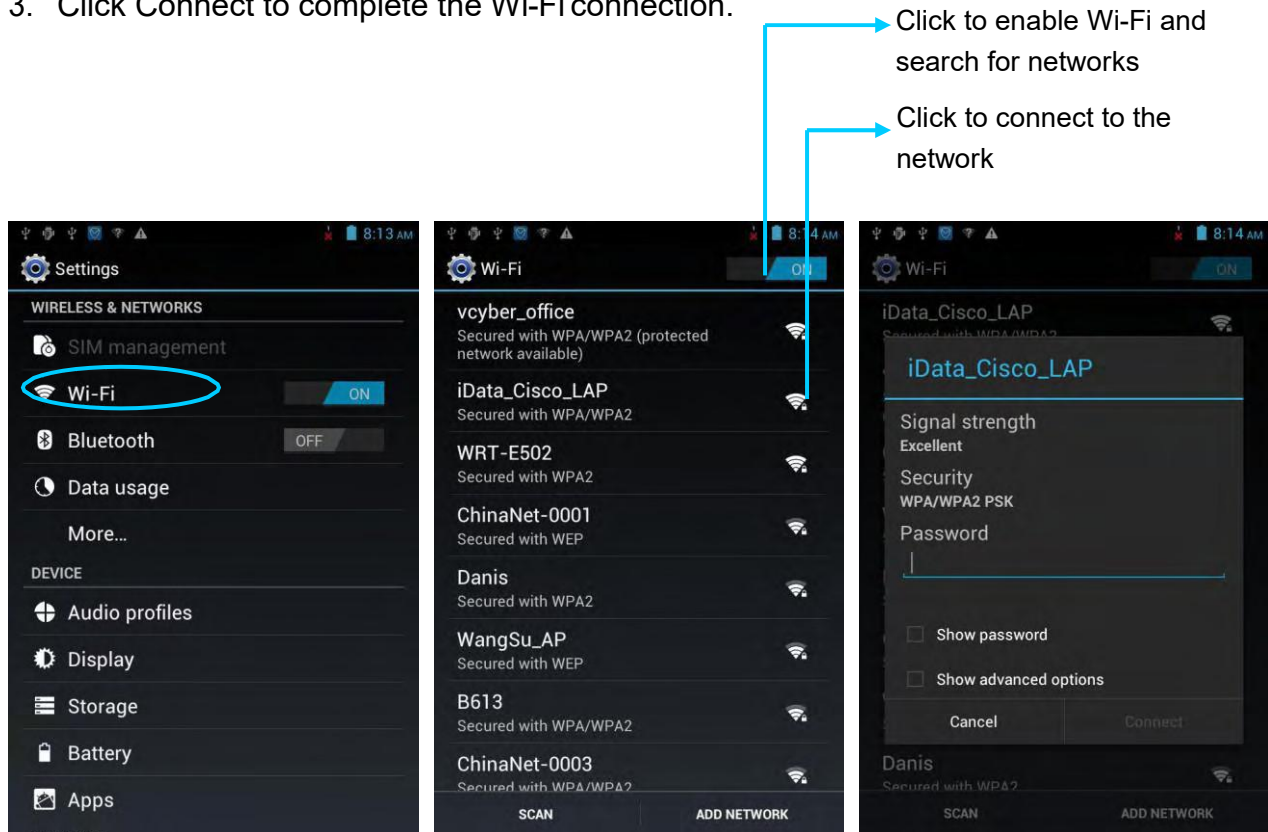


Name: CMNET
APN: cmnet
APN type: default,supl,net
Proxy: null
Port: null
User name: null
Password: null
Server: null
MMSC: null
MMS proxy: null
MMS port: null
MCC: 460
MNC: 02
Identity authentication type: null
APN protocol: IPv4
Enable/disable APN: APNenabled
Bearer system: null

4.2 Wi-Fi Network Connection

Select **Settings > Wireless & networks > WLAN**.

1. Click On for Wi-Fi. The system starts to search for the network. If the WLAN is enabled, click **Scan**. The U1 list the searched networks.
2. Click the network to be connected and enter the password in the displayed dialogbox.
3. Click Connect to complete the Wi-Fi connection.



4.3 GPS

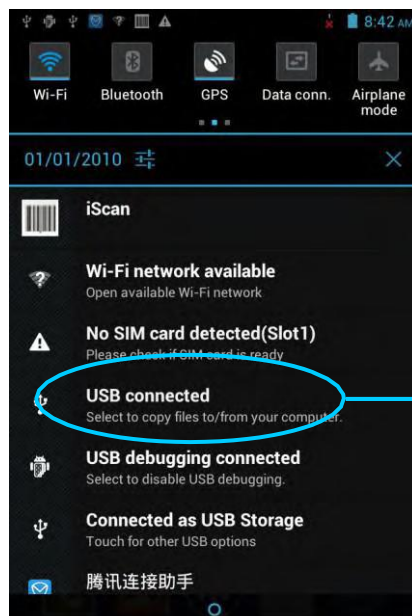
The U1 is equipped with a high-performance navigation chip and can obtain position information quickly and accurately. The manufacturer of the U1, SUZHOU Unimes Technology Co.,Ltd. provides GPS Test, which is a GPS demonstration program. Before using the GPS, install GPS Test. You can download GPS software (for the information related to GPS software and HiMarket, see relevant description in 6.1 Installing Software) from HiMarket and view position information.



4.4 Connecting U1 to a Computer

Connect the U1 to a computer by using a USB cable so that files in the memory card, for example, pictures, videos, and music, can be transferred to the computer and processed in the computer.

1. Connect the U1 to a USB port of a computer by using the USB cable.
2. The icon of USB connection is displayed in the status bar of the U1. Slide the status bar, you can see **USB connected** and select the USB connection mode.

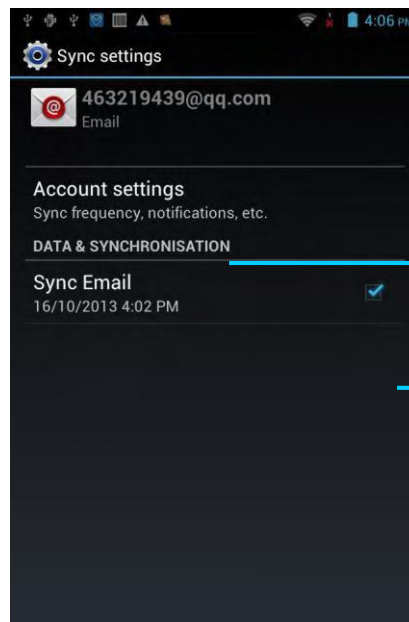
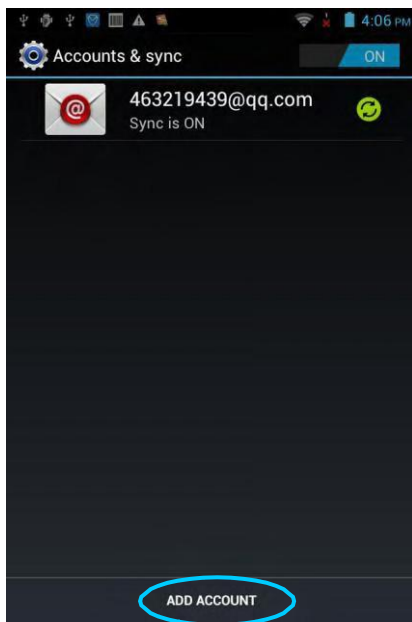


Click the option to open the USB storage device and copy files between a computer and the U1.

4.5 Synchronization

Select **Settings > Accounts & sync**.

1. Click **ADD ACCOUNT** to set a new account.
2. Click **Company** or **Email**, enter the email address and password, and click **Next**. Wait until the connection is completed (for details about mailbox settings, see section 3.4 Email).
3. Click **Accounts & sync**. On the **Accounts & sync settings** page, set the account as required.



Set email synchronization frequency, notification, etc.

Select the option to synchronize emails.

5. Introduction to iScan of the U1

5.1 Installing and Using iScan

To collect data, you must install and start the scan application on the U1. At present, Suzhou Unimes Information & Techonology Co.,Ltd provides the scan demonstration software, iScan, for example to obtain and decode barcode information.

First of all, install iScan on the U1 (for details on how to install iScan, see 6.1 Installing Software). After iScan is installed, the iScan icon is displayed on the application page. Click the icon to start the software (by default, **Barcode Scan** is selected). In this case, you can scan barcodes.



6 Managing U1

6.1 Installing Software

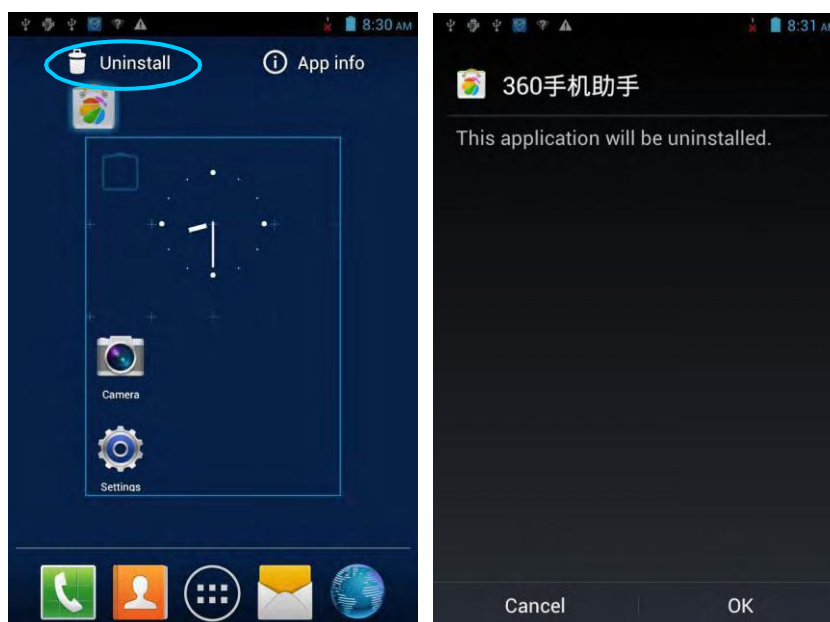
The U1 uses Google's Android platform whose suffix is apk. To install software on the U1, use the following methods:

1. Download and install software through the online software store provided by Google (Google Play) or Android software download platform (HiMarket) used in China. HiMarket is recommended.
2. Download software installation packages, store them on the SD card, and install the software by using file manager.
3. Connect the U1 to a computer by using the USB cable and install software on the computer. First of all, install software such as APK installer, pea, or 91 mobile assistant on the computer so that software can be installed in batches.

6.2 Uninstalling Programs

If too many programs are installed or some installed programs are unnecessary, uninstall existing programs to increase the operation speed of the U1. To uninstall software, use the following methods:

1. Select **Settings > Applications**. In the displayed application list, select the software to be uninstalled and click the software. On the **App info** page, click **Uninstall** and click **OK**. Several seconds later, the system prompts that the software is uninstalled.
2. Click the application tray. On the application page, find the icon of the software to be uninstalled and click the icon.



6.3 Managing Applications

Press the menu key (yellow scan key) and click **Manage apps**. You can view the status of download applications, applications in the SD card, and running applications and click any application to access the application information page where you can stop, uninstall, or suspend the application.



7 Precautions and Troubleshooting

7.1 Precautions for U1

To ensure that the U1 does not fail, follow the following precautions during use of the U1:

- ♦ Put the U1 and its components and accessories in the places where children cannot reach.
- ♦ Keep the U1 dry. Rain, moisture and liquid contain acidic materials and will corrode the circuit board.
- ♦ Do not store or use the U1 in dusty or dirty places.
- ♦ Do not store the U1 in a place that is too hot. High temperature will shorten the service life of electronic components.
- ♦ Do not store the U1 in a place that is too cold. When the temperature inside the U1 rises, moisture is generated inside the U1, which may damage the circuit board.
- ♦ Do not try to disassemble the U1. Otherwise, the U1 may be damaged.
- ♦ Do not touch the screen surface of the U1 by using a pen, a pencil or other sharp articles in case the screen may be scratched.
- ♦ Do not throw, beat or violently collide the U1. Otherwise, the components of the U1 may be damaged and the U1 may be faulty.
- ♦ Do not use strong chemical products or strong detergent to clean the U1. If the U1 becomes dirty, clean the surface of the U1 by using a soft cloth soaked with dilute glass detergent.
- ♦ Please use the protective film to reduce wear as much as possible. The screen protective film can improve the availability and durability of the screen.

Pay attention to the following during use of the battery.

- ♦ The area where the U1 is charged must keep away from scraps, inflammables or chemical substances.
- ♦ When you charge the battery of a mobile device, the temperature on the battery and charger must be in the range 0°C to 40°C.
- ♦ Do not use incompatible batteries or chargers, which may cause fire, explosion, leakage or other hazards.
- ♦ Do not disassemble, press, twist, pierce or cut the battery.
- ♦ Do not make the battery short-circuited or contact the connecting terminal of the battery by using metal or other conductive objects.
- ♦ Do not insert other materials into the battery, contact the battery with water or other liquid, or expose the battery in an open fire, explosive source or other sources of danger.
- ♦ Do not put or store the battery in the environment where the temperature is too high.
- ♦ Do not put the battery in a microwave oven or a drying machine.

- ♦ Do not put the battery into a fire.
- ♦ If the battery leaks, do not let the liquid stain your skin or eyes. Otherwise, wash your skin or eyes with lots of water and go to see the doctor immediately.

Cleaning the U1

- ♦ Shell

Clean the shell by using a cloth soaked with alcohol, including keys and space between keys.

- ♦ Display

You can clean the display screen by using a cloth soaked with alcohol. Do not let the liquid gather around the screen. Otherwise, dry the screen by using a soft non-woven cloth in case strip marks are left on the screen.

- ♦ Scan lens

Clean the scan lens regularly by using lens paper or other articles suitable for cleaning optical materials.

7.2 Troubleshooting

Table 7-1 U1 troubleshooting

Fault	Cause	Solution
After the power key is pressed, the U1 is not powered on.	The battery volume is too low or the battery is not charged.	Charge the U1 or replace the battery.
	The battery is incorrectly installed.	Correctly install the battery.
	The system breaks down.	Restore factory settings.
Battery charging fails.	The battery fails.	Replace the battery.
	The temperature of the battery is too high or low.	Put the battery in normal temperature.
During data communication, data is not transmitted or transmitted data is incomplete.	The cable configuration is incorrect.	Consult the system administrator.
	The communication software is incorrectly installed or configured.	Install or reinstall the Active Sync software to update the driver.
The relevant function is not activated after a user clicks a button or icon.	The system does not respond.	Restart the system.
No sound can be heard.	The volume is too low or is disabled.	Adjust the volume.
The U1 is closed.	The U1 is in the inactive state.	After being inactive for a period of time, the U1 is closed.
	The battery is used up.	Replace the battery.
The U1 responds	Too many files are stored in	Remove unused memos and records. If

Fault	Cause	Solution
at a low speed.	the U1.	necessary, save the records on the host or increase the storage capacity by using an SD card.
	Too many applications are installed on the U1.	Remove applications installed on the U1.
The U1 does not decode bar codes.	The scan application is not loaded.	Load iScan in the U1.
	Reading a bar code fails.	Check that the bar code is defective.
	The battery volume is low.	If the scanner stops sending out laser beam after you turn on the switch, check the battery volume.

Table 7-2 Cable troubleshooting

Fault	Cause	Solution
Charging fails.	The cable is in poor contact.	Replace the cable.
The synchronization software cannot be connected.	The cable is in poor contact.	Replace the cable.

Table 7-3 Wi-Fi connection troubleshooting

Fault	Cause	Solution
An AP cannot be connected.	"Authentication fails" is displayed.	The password of the WLAN device is incorrect.

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