



# **E3PDA**

## **User Manual**

Ver : V1.1

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# 1 Introduction

## 1.1 Appearance of E3PDA



Figure 1-1 Front view of E3PDAW/95S



Figure 1-2 Front view of E3PDAV



Figure 1-3 Rear view of E3PDA

## 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.

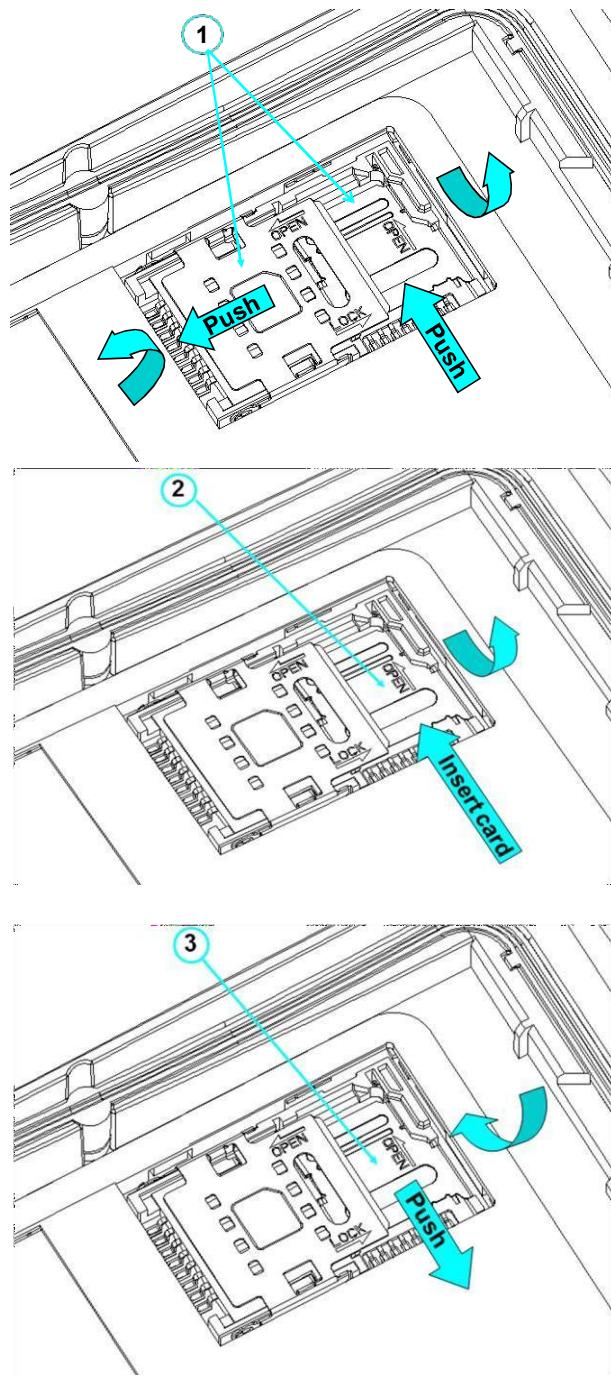


Figure 1-3 Inserting an SD card

## 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.

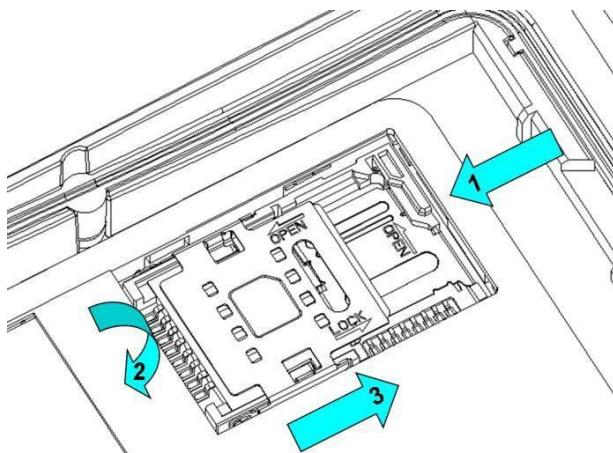


Figure 1-4 Inserting a SIM card

## 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.

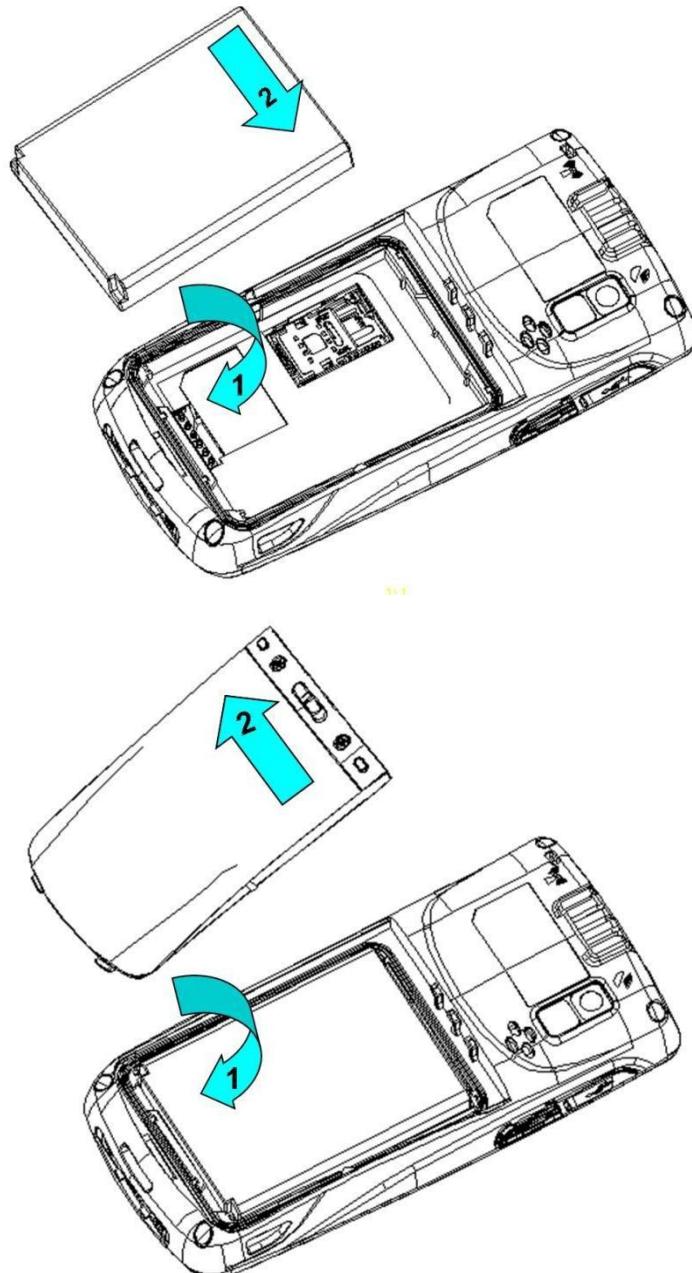


Figure 1-5 Installing a battery

## 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.

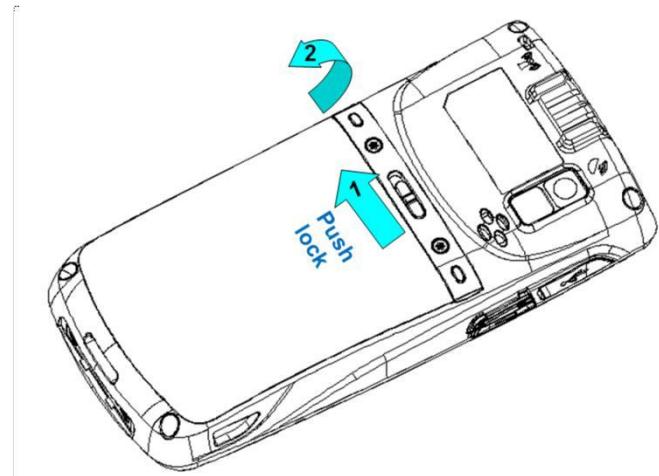


Figure 1-6 Disassembling the battery cover

## 1.6 Charging

You can charge the E3PDA in the following ways:

1. Charge the E3PDA by using bottom charging cable.
2. Connect the E3PDA to a PC by using a USB cable to charge the E3PDA.

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

When the battery volume is insufficient, the E3PDA displays alarm information.

When the battery volume is too low, the E3PDA 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 E3PDA, for example, selected functions of E3PDA, usage mode, and data transmission.

### ★ Tips

To ensure a longer standby time of the E3PDA, follow the following tips:

- Always connect the E3PDA to the AC power supply when you do not use it.
- In settings, set the time to sleep to a smaller value for the E3PDA by selecting **Home> Applications > Settings > Display > Screen Delay**.
- Stop all wireless activities when you do not use the E3PDA.

## 2 Instructions on the E3PDA

### 2.1 Power-on and Power-off

After installing a SIM card and a battery and fully charging the E3PDA, you can use the E3PDA.

1. To power on the E3PDA, press and hold the On/Off key  for some time. The power-on page is displayed. After the guiding progress is complete, the E3PDA enters the Android system. It takes some time to initialize the E3PDA. Please wait patiently.
2. To power off the E3PDA, press and hold the On/Off key  for some time. After a dialog box for powering off the E3PDA is displayed, click **Power Off**.

### 2.2 Locking and Unlocking the E3PDA

#### Locking E3PDA

Press and hold the On/Off key  for a short time to lock the E3PDA. If you do not perform any operation within the default and preset time to lock the E3PDA, the E3PDA is locked automatically.



#### Unlocking the E3PDA

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 E3PDA.

### 2.3 Keys of E3PDA

The E3PDA 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 E3PDA, 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.

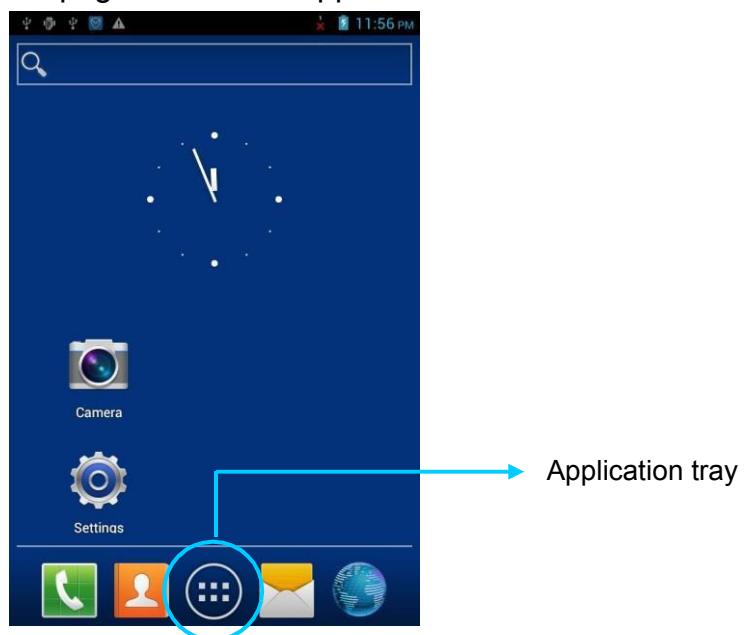
Menu key: Used to display a menu.



## 2.4 Home

The E3PDA 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

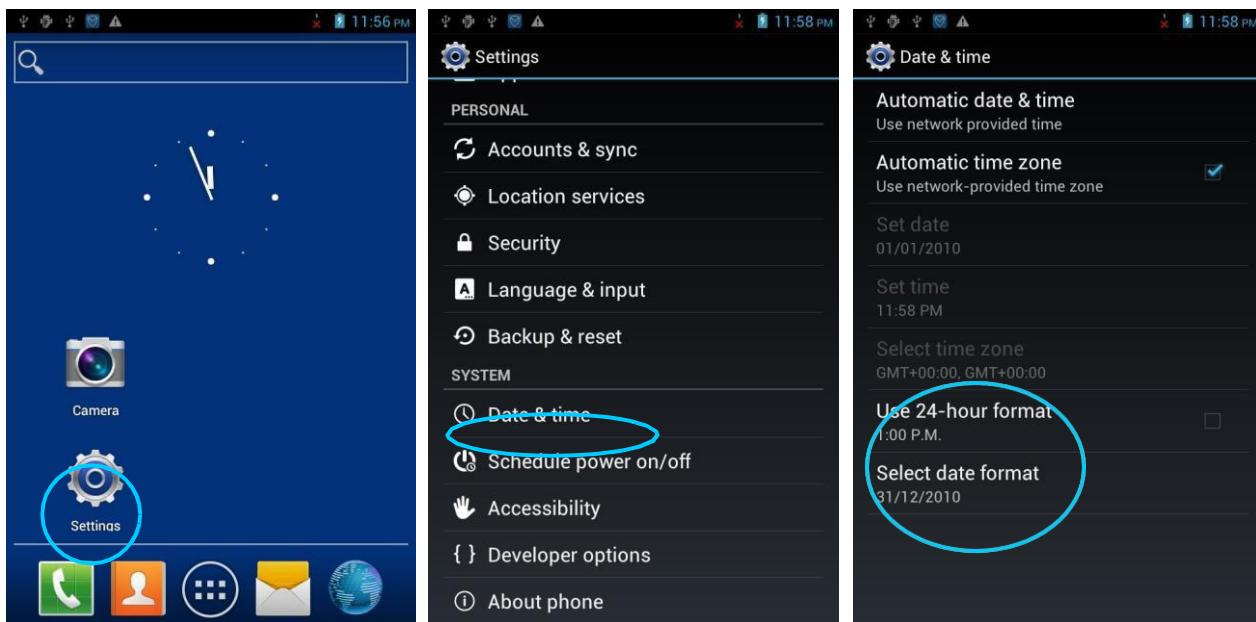
The applications of the E3PDA are often upgraded. Therefore, the status icons may be different from those on the E3PDA. The actual status icons prevail.

## 2.6 Basic Settings

### 2.6.1 Date and Time Setting

To change the date and time in the E3PDA, do as follows:

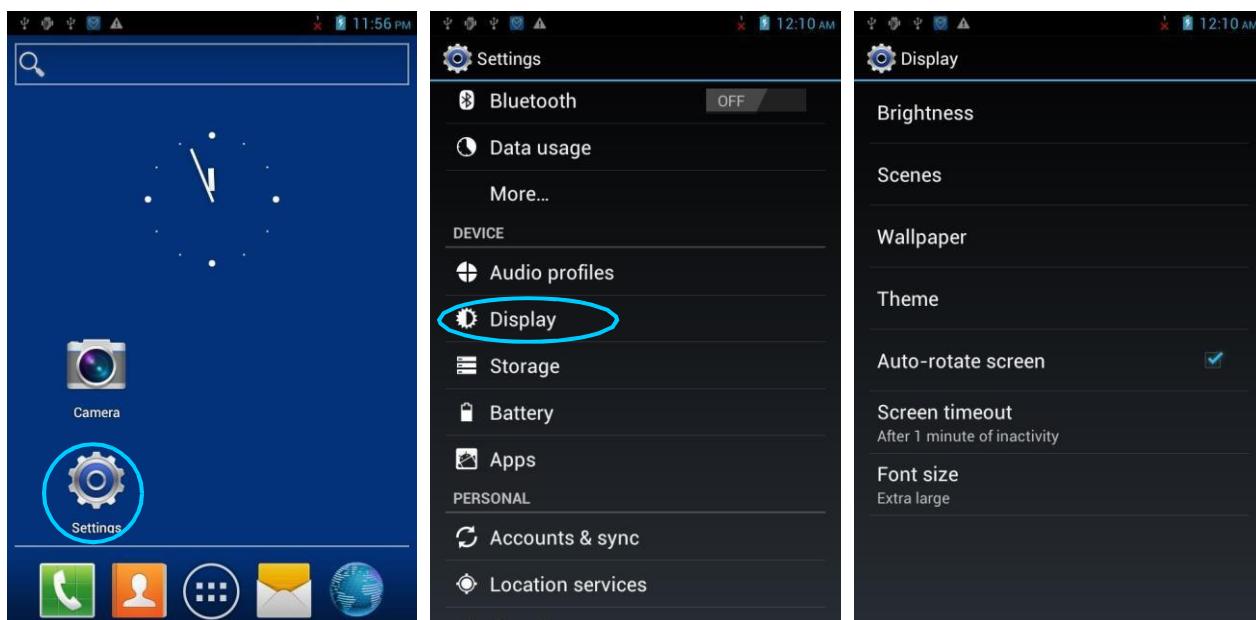
Select **Settings > Date & time** and click **Set Date** or **Set time**.



## 2.6.2 Display Settings

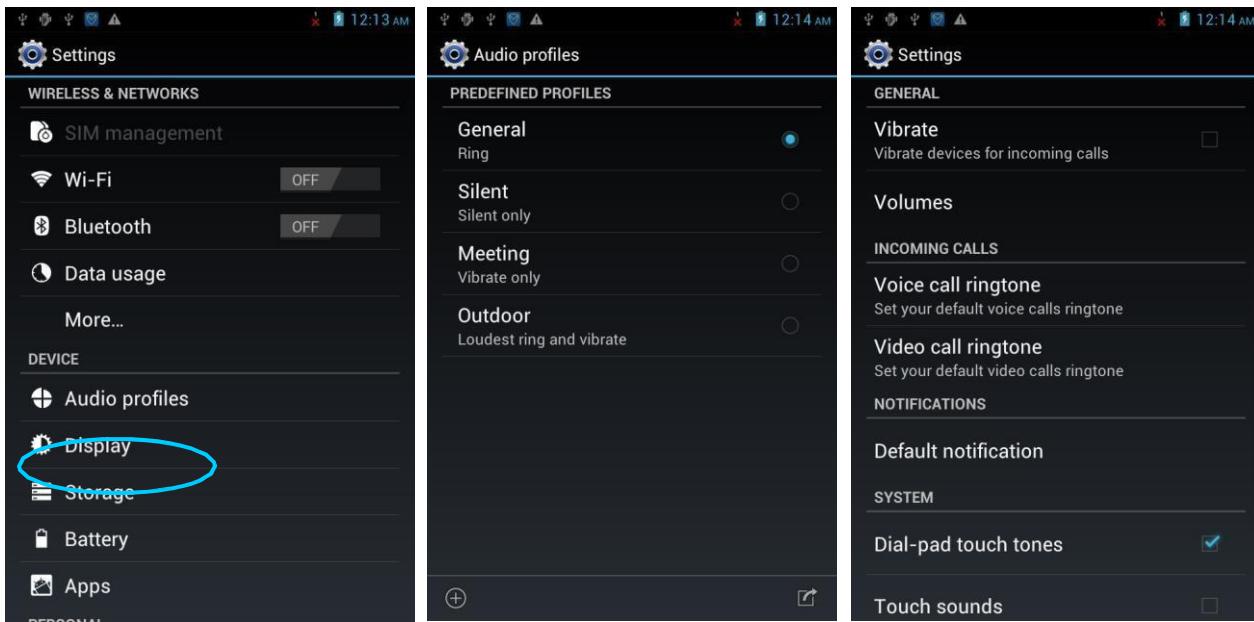
Find the following icon:

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



## 2.6.3 Ringtone Setting

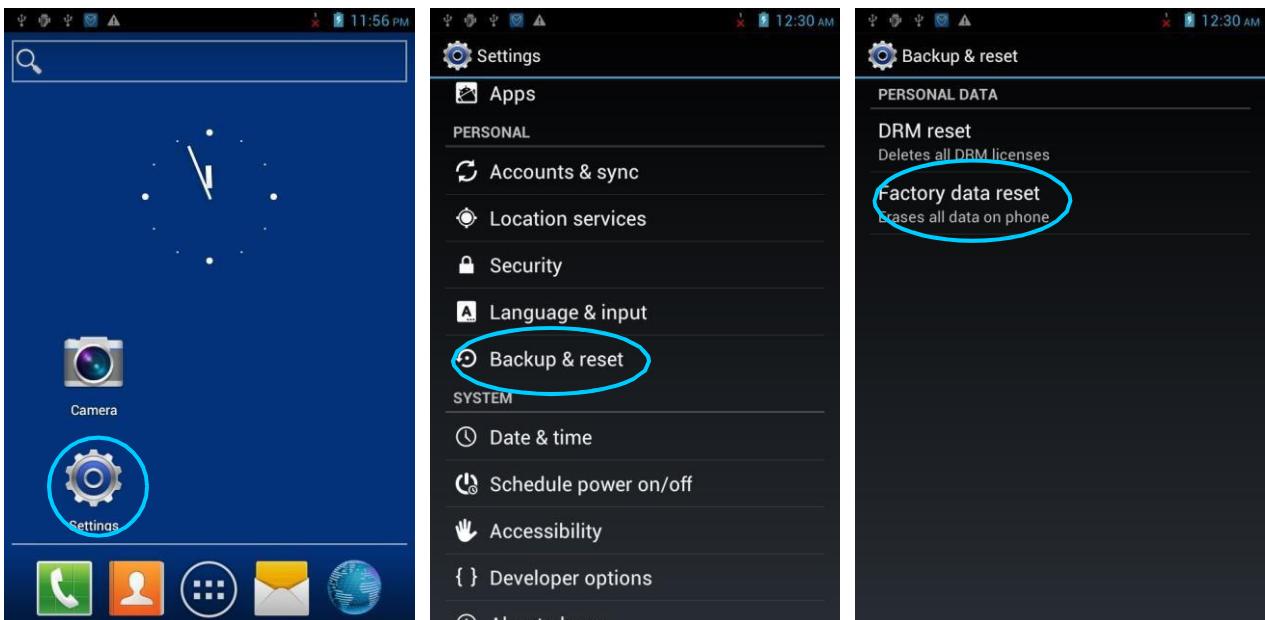
Select **Settings** > **Audio Profiles** and click **General/Silent/Meeting/Outdoor** to set the ringtone in the corresponding mode.



## 2.6.4 Security Setting

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

Click **Clear all**. The E3PDA starts to restore the factory settings.



### ★ Caution

This operation will clear the following data in the E3PDA:

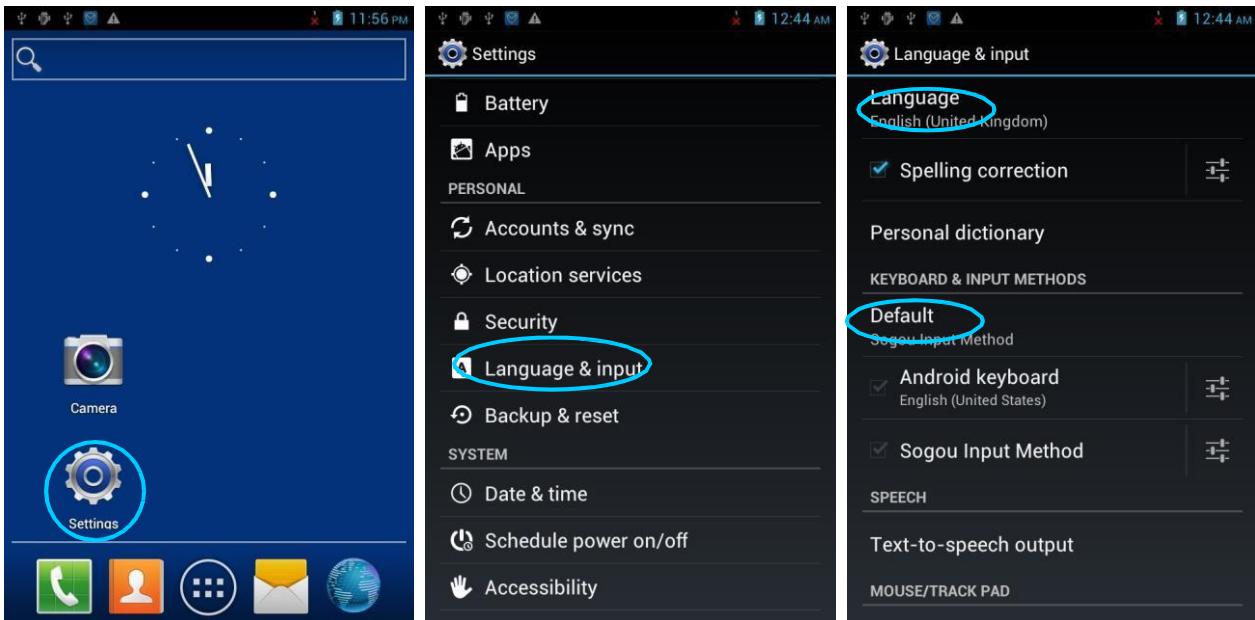
- ◆ Account
- ◆ Data and settings of the system and applications
- ◆ Downloaded applications

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 E3PDA.

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 E3PDA.

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.

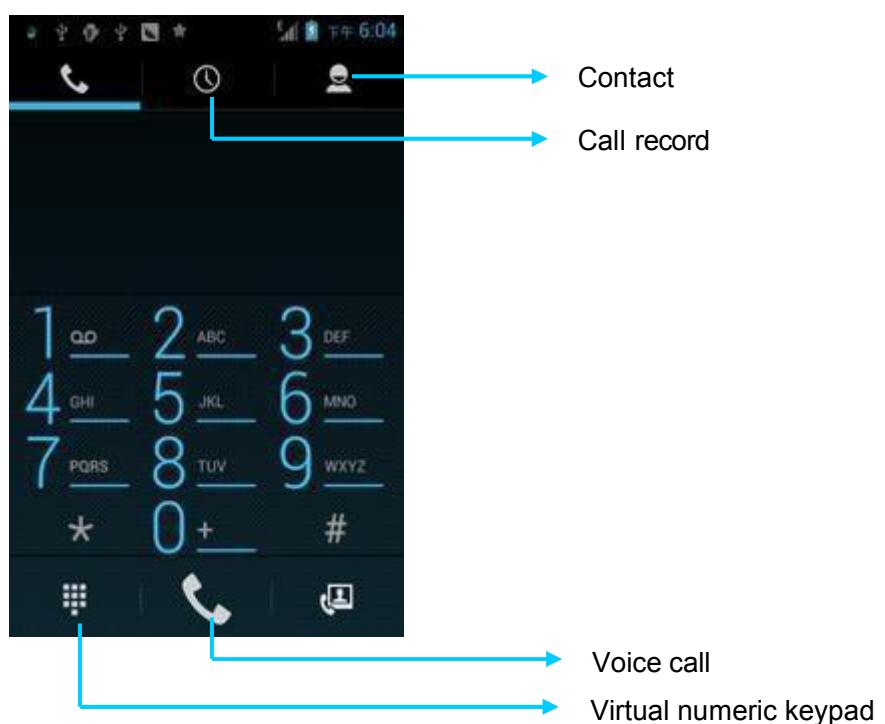
## 3 Call Function

### 3.1 Making a Call

Find the following icon:



1. Enter a telephone number by pressing number keys.
2. Click
3. Click

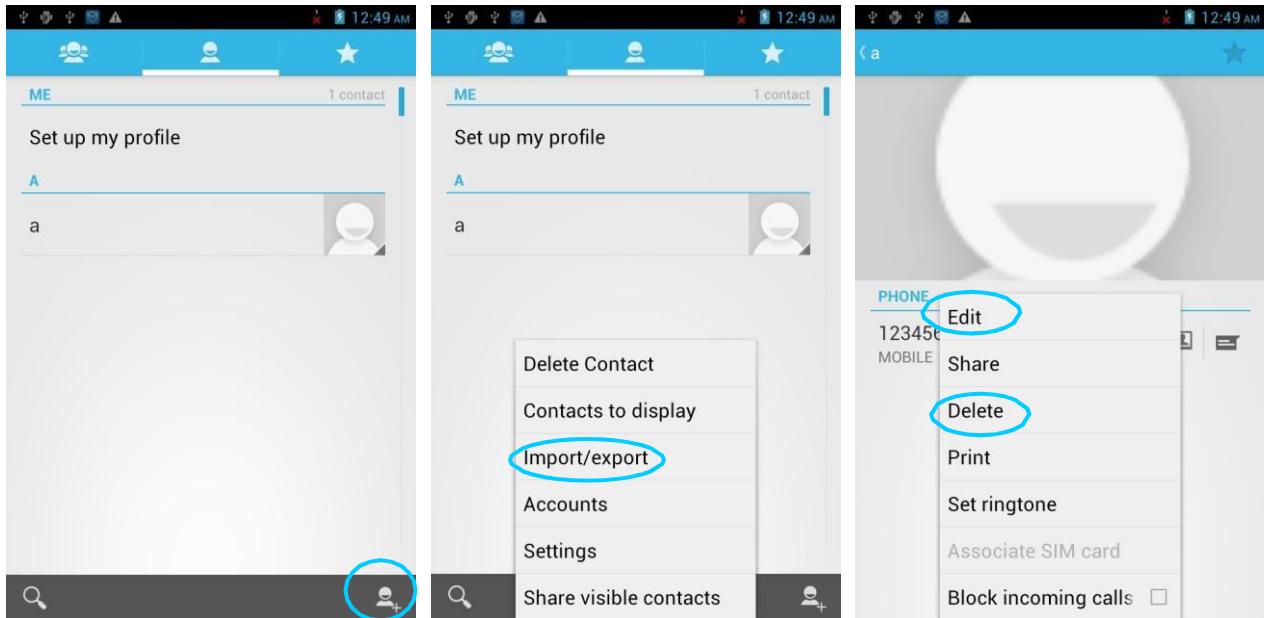


### 3.2 Contacts

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

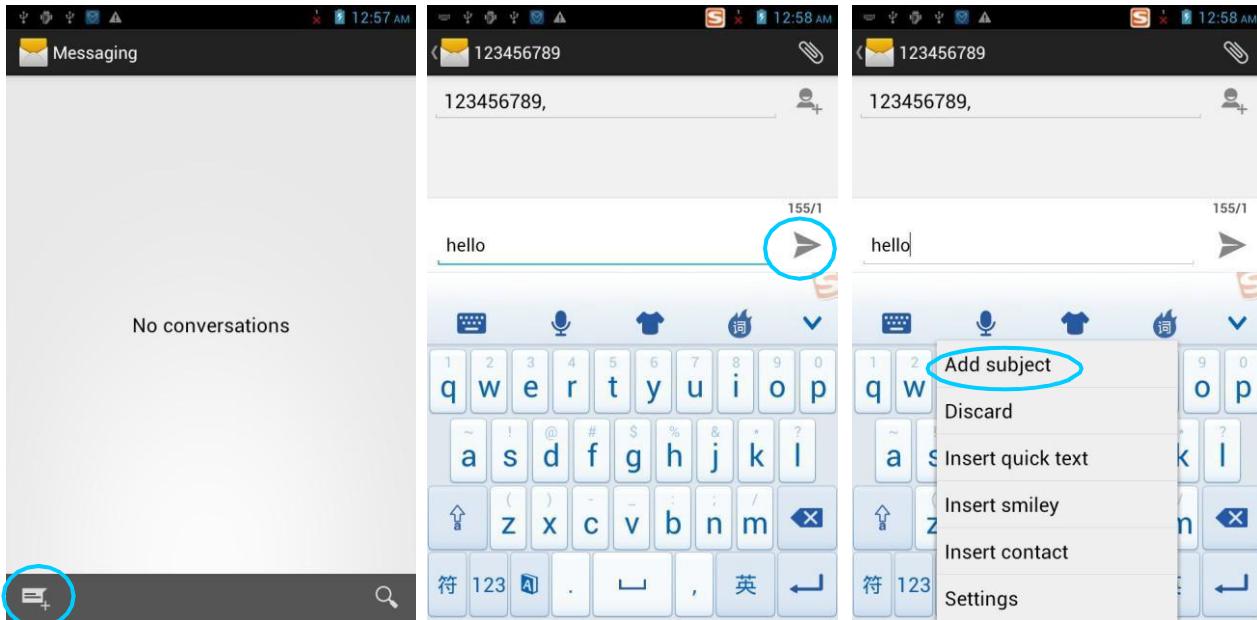
Find the following icon:



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

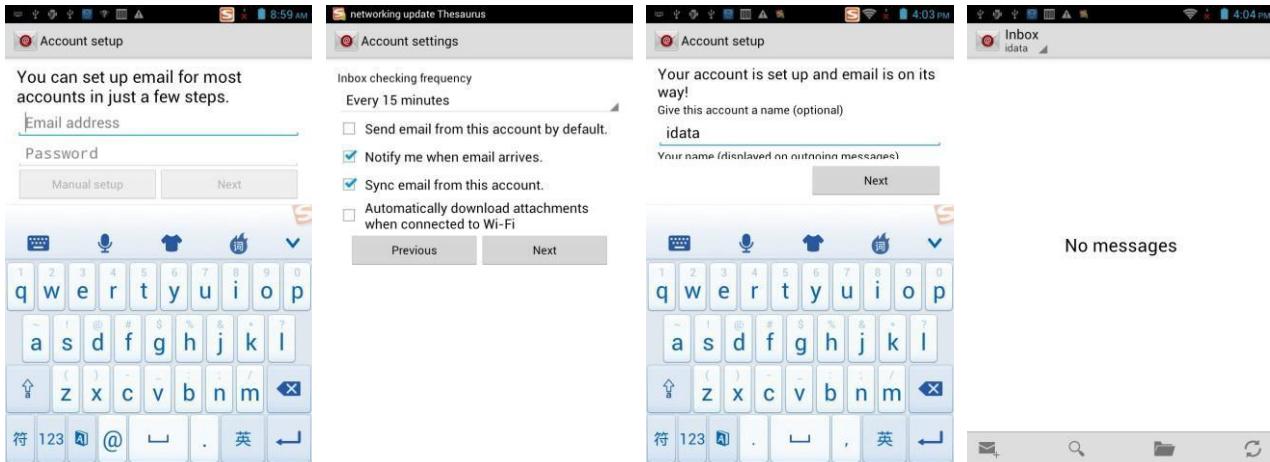
To create an email account on the E3PDA, you need to set the account on a PC. For example, to create a QQ email account, log in to the QQ mailbox, click **Settings** in the upper right corner of the mailbox to access the account options. Find the server options and email receiving options, select all, and click **Save**.

To set a mailbox on the E3PDA, do as follows:

Find the following icon:

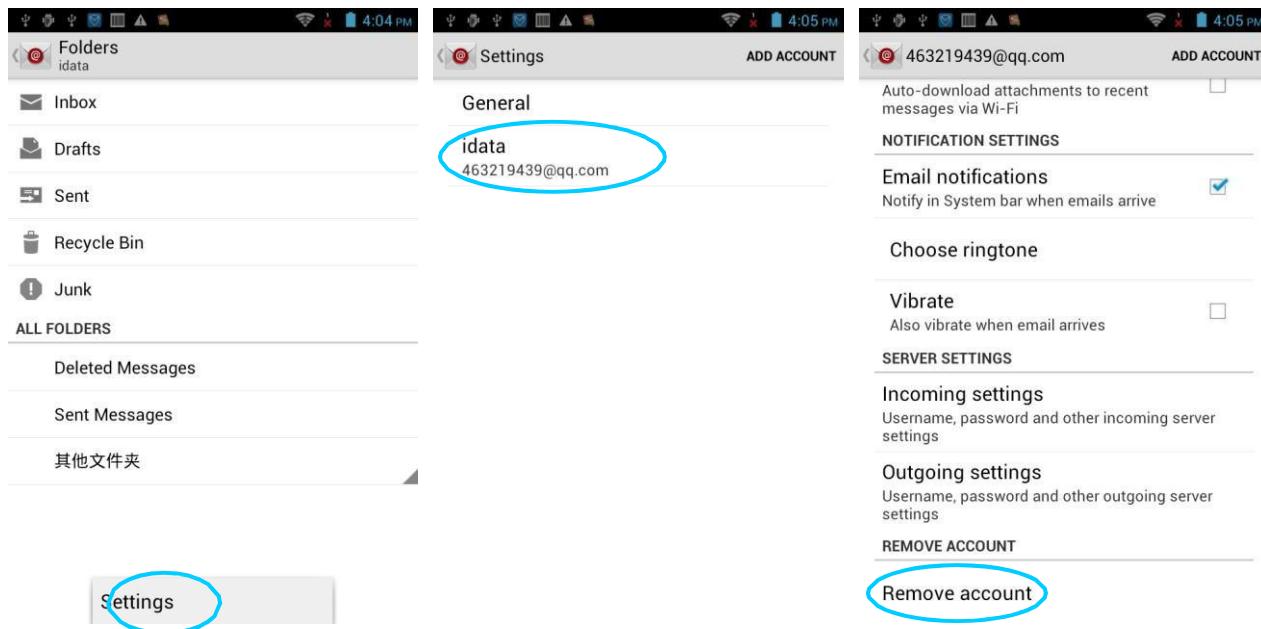


1. Enter the email address and password and click **Next**. The system starts to connect the email account.
2. Set **Inbox checking frequency** and click **Next**.
3. Create a name for this account and click **Next**. The **Inbox** page is displayed.



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**.

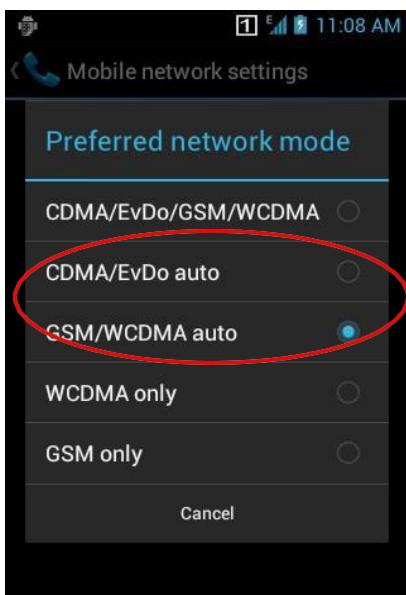


## 4. Network and Connection Synchronization

### 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.

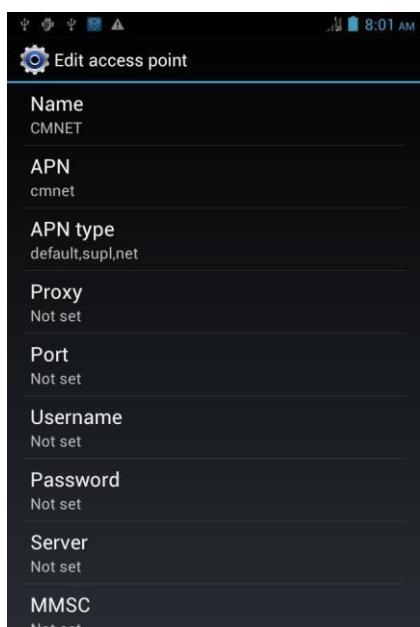


Select one of the options in the figure according to actual conditions.

**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 E3PDA. Generally, the E3PDA 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:

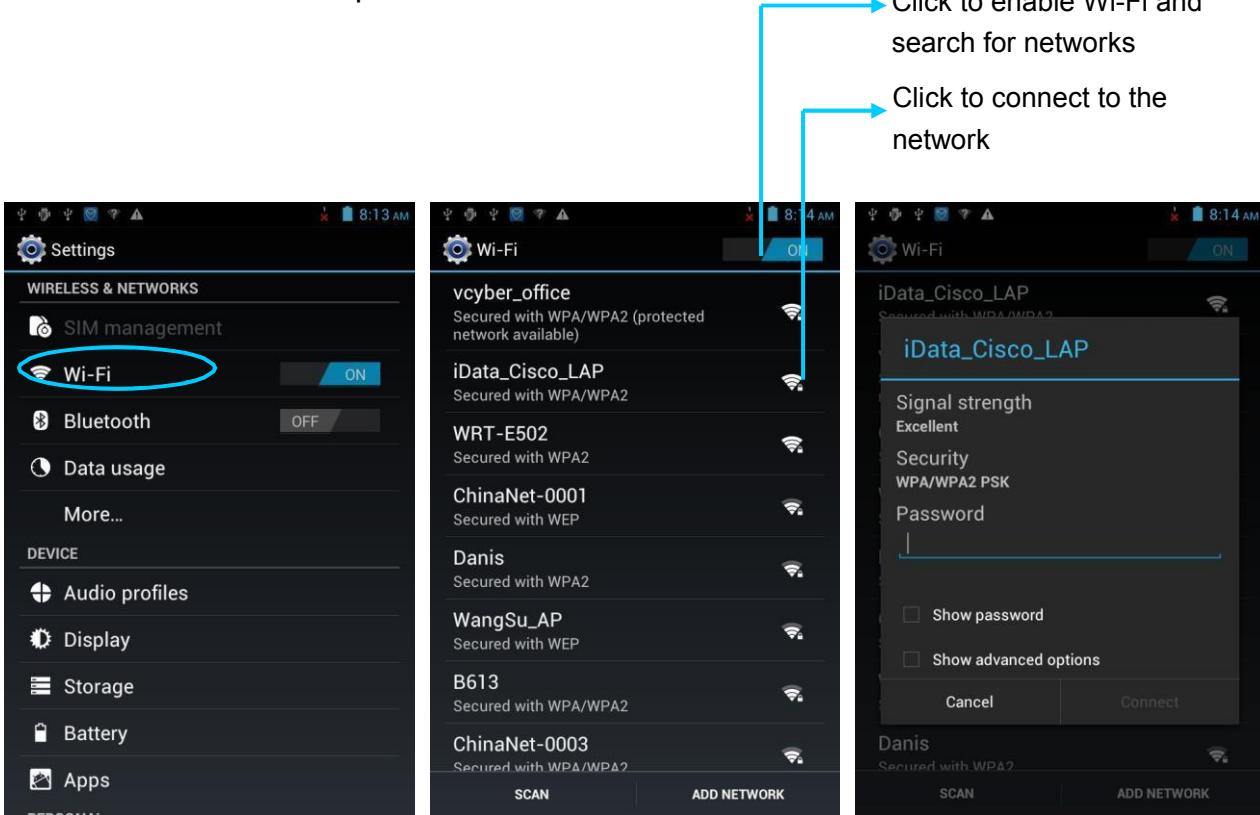


Name: CMNET  
APN: cmnet  
APN type: default,supl,net  
Proxy: null  
Port: null  
User name: null  
Password: null  
Server: null  
MMSC: null  
MMS proxy: null  
MMS port: null  
MCC: 460  
MNC: 02  
Identity authentication type: null  
APN protocol: IPv4  
Enable/disable APN: APN enabled  
Bearer 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 E3PDA 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 E3PDA is equipped with a high-performance navigation chip and can obtain position information quickly and accurately. The manufacturer of the E3PDA, Wuxi iData Technology Company 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 E3PDA to a Computer

Connect the E3PDA 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 E3PDA 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 E3PDA. Slide the status bar, you can see **USB connected** and select the USB connection mode.

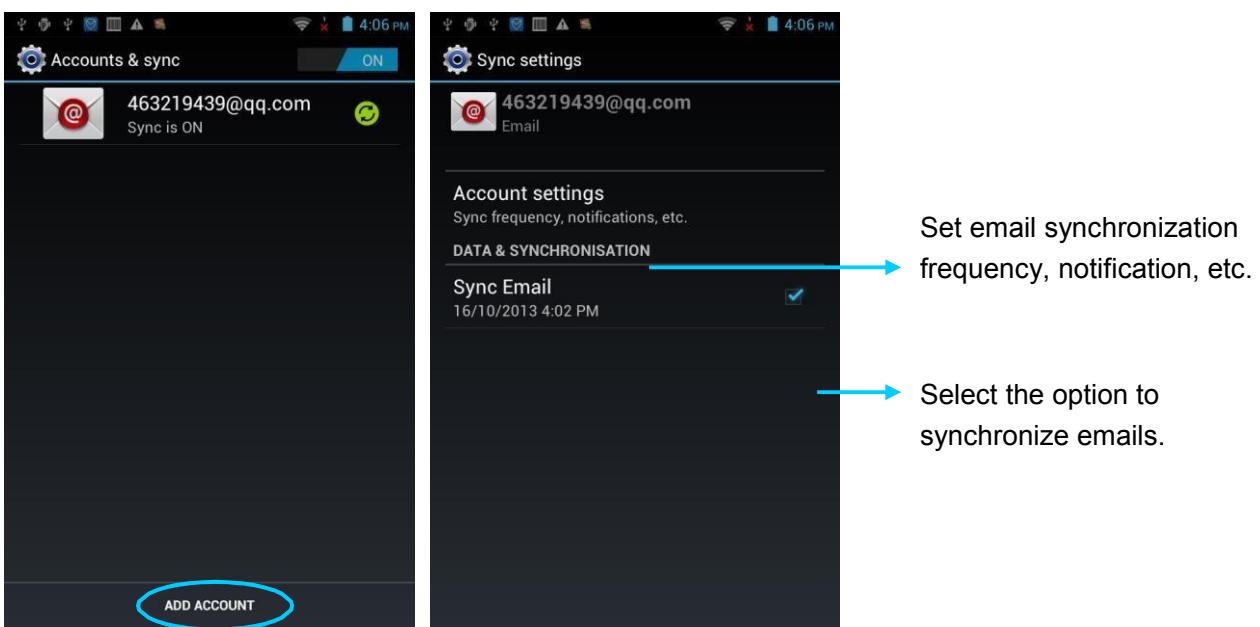


Click the option to open the USB storage device and copy files between a computer and the E3PDA.

## 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.



# 5. Introduction to iScan of the E3PDA

## 5.1 Installing and Using iScan

To collect data, you must install and start the scan application on the E3PDA. At present, Wuxi iData Technology Company Ltd. provides the scan demonstration software, iScan, for example to obtain and decode barcode information.

First of all, install iScan on the E3PDA (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 E3PDA

## 6.1 Installing Software

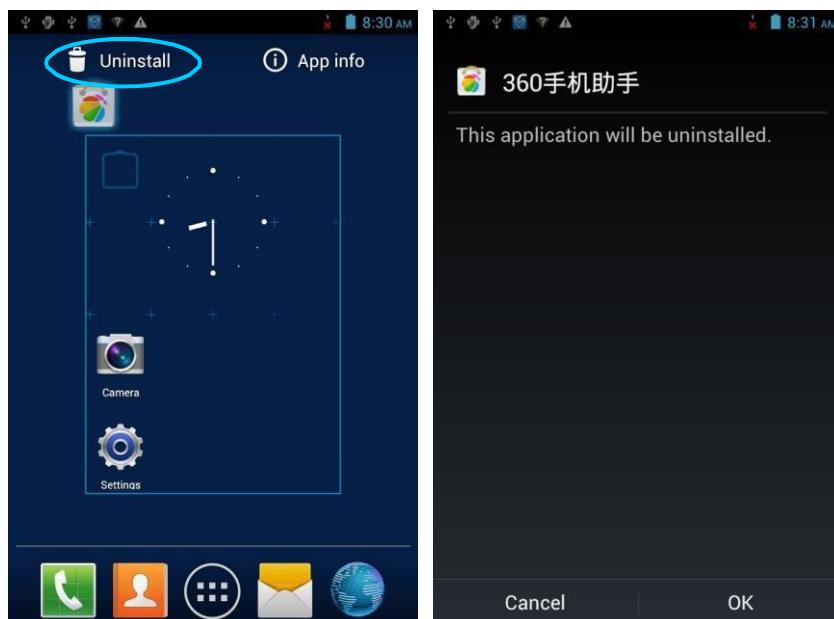
The E3PDA uses Google's Android platform whose suffix is apk. To install software on the E3PDA, use the following methods:

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 E3PDA 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 E3PDA. 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 E3PDA

**To ensure that the E3PDA does not fail, follow the following precautions during use of the E3PDA:**

- Put the E3PDA and its components and accessories in the places where children cannot reach.
- Keep the E3PDA dry. Rain, moisture and liquid contain acidic materials and will corrode the circuit board.
- Do not store or use the E3PDA in dusty or dirty places.
- Do not store the E3PDA in a place that is too hot. High temperature will shorten the service life of electronic components.
- Do not store the E3PDA in a place that is too cold. When the temperature inside the E3PDA rises, moisture is generated inside the E3PDA, which may damage the circuit board.
- Do not try to disassemble the E3PDA. Otherwise, the E3PDA may be damaged.
- Do not touch the screen surface of the E3PDA 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 E3PDA. Otherwise, the components of the E3PDA may be damaged and the E3PDA may be faulty.
- Do not use strong chemical products or strong detergent to clean the E3PDA. If the E3PDA become dirty, clean the surface of the E3PDA 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 E3PDA 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 E3PDA

- 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 E3PDA troubleshooting

Fault	Cause	Solution
After the power key is pressed, the E3PDA is not powered on.	The battery volume is too low or the battery is not charged.	Charge the E3PDA 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 ActiveSync 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 E3PDA is closed.	The E3PDA is in the inactive state.	After being inactive for a period of time, the E3PDA is closed.
	The battery is used up.	Replace the battery.
The E3PDA responds	Too many files are stored in	Remove unused memos and records. If

Fault	Cause	Solution
at a low speed.	the E3PDA.	necessary, save the records on the host or increase the storage capacity by using an SD card.
	Too many applications are installed on the E3PDA.	Remove applications installed on the iData 95.
The E3PDA does not decode barcodes.	The scan application is not loaded.	Load iScan in the E3PDA.
	Reading a barcode fails.	Check that the barcode 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.

## FCC Warning

### 15.19 Labeling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### 15.21 Information to user.

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

### 15.105 Information to the user.

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.

### Absorption Rate (SAR) information:

This device meets the government's requirements for exposure to radio waves. 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 or health.

FCC RF Exposure Information and Statement The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This device was tested for typical body-worn operations with the back of the device kept 10mm from the body and 0mm from the head. To maintain compliance with FCC RF exposure requirements, use accessories that maintain an appropriate separation distance between the user's body and the back of the device. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. Use only the supplied or an approved antenna.



Fuzhou Soarfree Informatio Technology Co., Ltd.

Commercial HQ: Office 426, Floor 4, Building 3, Plot A1, Fuzhou Zhengrong Fortune Center, 28 Xinbao Road, Shangjie Town, Minhou County, Fuzhou, Fujian.

E-mail: sales@sifei.info

Website: [www.soarfree.cn](http://www.soarfree.cn)