# SEUIC
# Reference Manual

AUTOID 3 Industrial Grade Smartphone

User Manual of Android System Product

Version 2.1

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# Chapter I Operation Instructions

## 1.1 Precautions for Laser Scanning Engine

There is laser radiation. Don't look directly at the laser beam.

## 1.2 Safety Precautions

- Your device can only be used with the battery and charger specified by the Company; battery leakage, overheating, bursting and fire may be caused if other products are used.
- Do not short-circuit the charger, otherwise, electric shock, smoking and damage to the charger may be caused
- Please do not use the charger after the power cord is damaged, otherwise, fire and electric shock may be caused.
- Please do not disassemble or modify the charger, otherwise, personal injury, electric shock, fire and damage to the charger may be caused.
- Hold the charger when unplugging, the cord may be damaged due to pulling force, causing electric shock and fire.
- Clean the device, battery and charger with a soft an dry cloth.
- Do not wipe the device with solutions such as alcohol, thinner or benzene.

## 1.3 Maintenance Precautions

- This product has waterproof and dustproof functions, but it shall not be operated in the extremely high temperature, extremely low temperature or wet environment. Please refer to the temperature and humidity standards specified in product specifications.
- The screen may be damaged after pressing hard on the screen. Do not tap the screen with a resistive screen stylus pen to avoid scratching or damaging the screen. To clean the screen, please spray a small amount of a commercial LCD screen cleaner on a soft cloth. Please do not spray the cleaner directly on the screen.
- Do not wipe the LCD screen using any chemical cleaners.
- Keep the scanning window clean and free of stains, and do not draw with sharp objects.
- Please download the data to a computer for storage if the product is not used for a long time.
- It takes a long time for the battery of the device to be fully charged when it is used for the first time or after storage.
- Please write down the information about the situations and contact the maintenance personnel if any

device failure is found.

# Chapter II Appearance Introduction

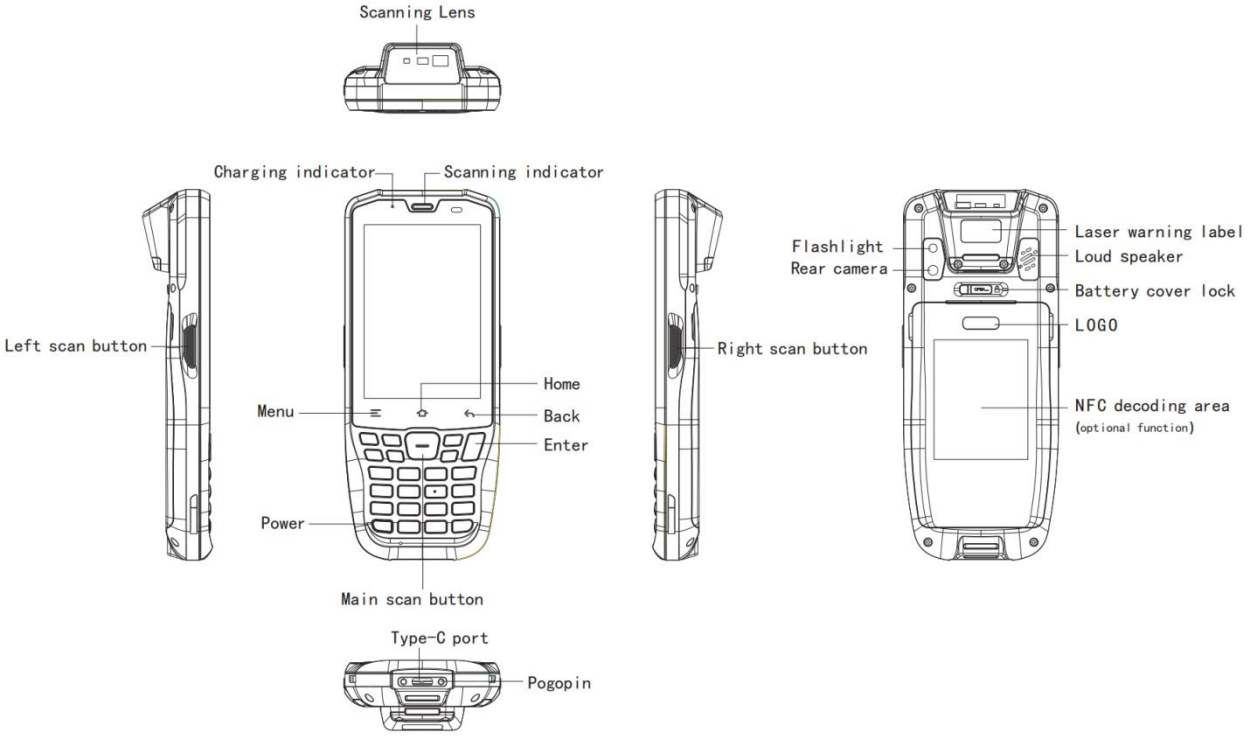


Figure 2-1 Six-sided view

# Chapter III Keypad

The AUTOID 3 device has a total of 8 keys, including 3 virtual keys on the screen touchpad (including Back, Home and Menu) and 5 keys on the sides of device (including PPT key, power key, volume key, left scanning key and right scanning key).

Description of keys:

Table 3-1 Key Introduction

| Key | Main functions | Function introduction |
|---|---|---|
| | Home key | Tap it return to the main interface. |
| | Menu key | Tap to open task manager |
| | Back key | Tap to return to the previous interface or exit the application program.<br>In the text input interface, tap to close the on-screen keypad. |
| | Power key | Press it to sleep/wake up the device in standby state, or press and hold it for 3S in shutdown state to turn on the device |
| | Left and right scanning keys | Press the left and right scanning keys to emit light |
| | Primary scanning key | Press the middle scanning key to emit light |
| | P1 key | P1 function key |
| | P2 key | P2 function key |
| | Recent task key | Recent task function key |
| | Back key | Back function key |
| | "Left" key & "Up" key | "Up" key, "Left" key in Fn mode |
| | "Down" key & "Right" key | "Down" key, "Right" key in Fn mode |

| | | |
|---|---|---|
| | Fn key | Fn mode switching function key |
| | Delete key | Deletion function key |
| | Number <-> Letter shift key | Number <-> Letter conversion function key |
| | "-" key & "*" key | "-" key, "*" key in Fn mode |
| | "." key & "#" key | "." key, "#" key in Fn mode |
| | Number 1 | Number 1 is a function key, and it is F1 key in Fn mode and "@/+" key in Aa mode |
| | Number 2 | Number 2 is a function key, and it is F2 key in Fn mode and "ABC" key in Aa mode |
| | Number 3 | Number 3 is a function key, and it is F3 key in Fn mode and "DEF" key in Aa mode |
| | Number 4 | Number 4 is a function key, and it is F4 key in Fn mode and "GHI" key in Aa mode |
| | Number 5 | Number 5 is a function key, and it is F5 key in Fn mode and "JKL" key in Aa mode |
| | Number 6 | Number 6 is a function key, and it is F6 key in Fn mode and "MNO" key in Aa mode |
| | Number 7 | Number 7 is a function key, and it is F7 key in Fn mode and "PQRS" key in Aa mode |
| | Number 8 | Number 8 is a function key, and it is F8 key in Fn mode and "TUV" key in Aa mode |
| | Number 9 | Number 9 is a function key, and it is F9 key in Fn mode and "WXYZ" key in Aa mode |
| | Number 0 | Number 0 is a function key, and it is "Space :" key in Fn mode |
| The three keys are screen printed, without LED<br>Shortcut key for screenshot: Press and hold the power + volume "Down" key at the same time | | |

# Chapter IV Quick Use

## 4.1 Initial Use

- Press and hold the power key for 3S to turn on the device. When the system is working, the device will enter the sleep state after pressing the Power key; in the sleep state, the system will wake up and the screen will be on after pressing the Power key.

## 4.2 Power-on

- You can turn on the device by pressing the power key. In deep sleep mode, the system will wake up after pressing the power key. If the device is powered by battery, it must be ensured that the battery has been in reliable contact.

## 4.3 Shutdown

- When the device is running, press and hold the power key for 2s in the non-sleep state to open the options menu, select Shutdown, and tap OK to shut down normally.

## 4.4 Restart

- When the device is running, press and hold the power key for 2s in the non-sleep state to open the options menu, select Restart, and tap OK to restart normally.

## 4.5 Installation of SIM Card

- To install the SIM card, please follow the instructions below:
- Place the SIM card in the card tray as shown in Figure 4-1.
- Insert the card tray in the direction shown in Figure 4-2.

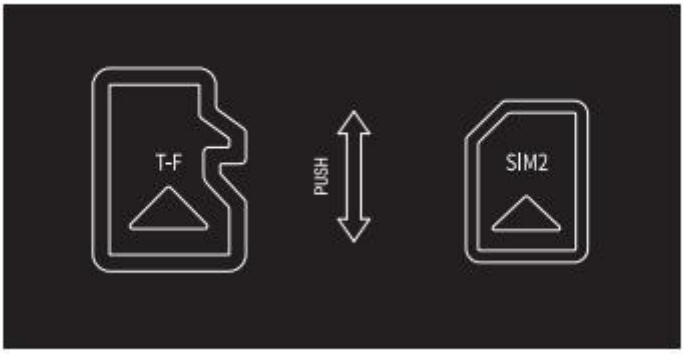


Figure 4-1 Placing SIM card

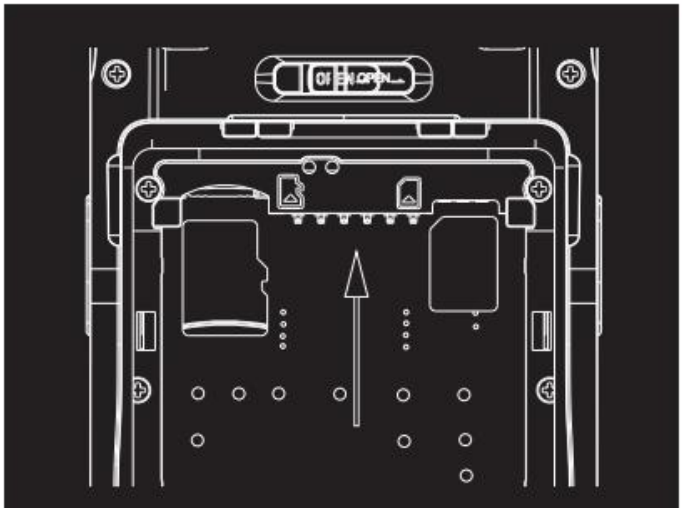

Figure 4-2 Inserting SIM card

# 4.6 Installation of SD Card

Please follow the instructions below to install the SD card:

Place the SD card in the card tray in the direction as shown in Figure 4-1.

Insert the card tray in the direction shown in Figure 4-2.

Note: 1. This device does not support PSAM card

2. The SIM card of this device only supports NANO card.

3. This device can be used freely with SIM&SIM or SIM&TF card.

# Chapter V About Charging

- Since the battery has only a small amount of power for testing at the time of being delivered from factory, please charge the device before use.

## 5.1 Charging Time

- Battery: It takes about 2 hours to charge the battery for the first time through the adapter. The LED light is always red when charging, and it will always green after the battery is fully charged.

## 5.2 Charging Temperature

- The optimal operating temperature is room temperature of 18~25℃.
- The battery will not be charged when the temperature is below -10 or above 55°C.

## 5.3 Battery Power

- If the wireless network service or data collection program is turned on, the battery power will be greatly consumed. Please turn off the power of these programs to save power when these functions are not used.
- Tip: Please charge the device at least once every two months when you do not use the product for a long time.

## 5.4 Precautions for Using Batteries

- If battery has run out, it may not turn on immediately after plugging in the charger, which is normal. Please continue to charge for a period of time before turning it on for use.
- The battery can be charged repeatedly, but the battery is a consumable item. If the standby time of device is found to be greatly reduced, please replace it with a new battery.
- Battery charging time may vary with temperature conditions and battery usage, please charge it within a reasonable temperature range.

- When the battery level is low, the device will give a prompt for low power. When the battery level is too low, the device will automatically shut down.

## 5.5 LED Indicator

- The LED indicator light in the upper right middle of the device indicates the battery power status and charging status of the device according to different colors:
- When USB, charging adapter or charge connector is not plugged in: if the indicator is flashing in red, the battery level is too low, please charge it in time;
- When USB, charging adapter or charge connector is plugged in: if the indicator is on in red, the battery is being charged;
- When USB, charging adapter or connector is plugged in: if the indicator is on in green, the battery has been fully charged;
- If the LED indicator light in the upper right middle of the device is flashing in blue (in the form of a breathing light), there is unread information, please check it in time.
- When a barcode is scanned, the left LED indicator on the upper right of the device will flash in red once; if no barcode is scanned, it will be off.
- Note: When the system is being charged, the blue indicator light will not give a prompt.

# Chapter VI Main Screen

Find this icon, Settings - Application, tap the Settings button in the upper right corner of the interface to enter the main screen of settings, and AUTOID 3 has two main screens by default, which can be set freely

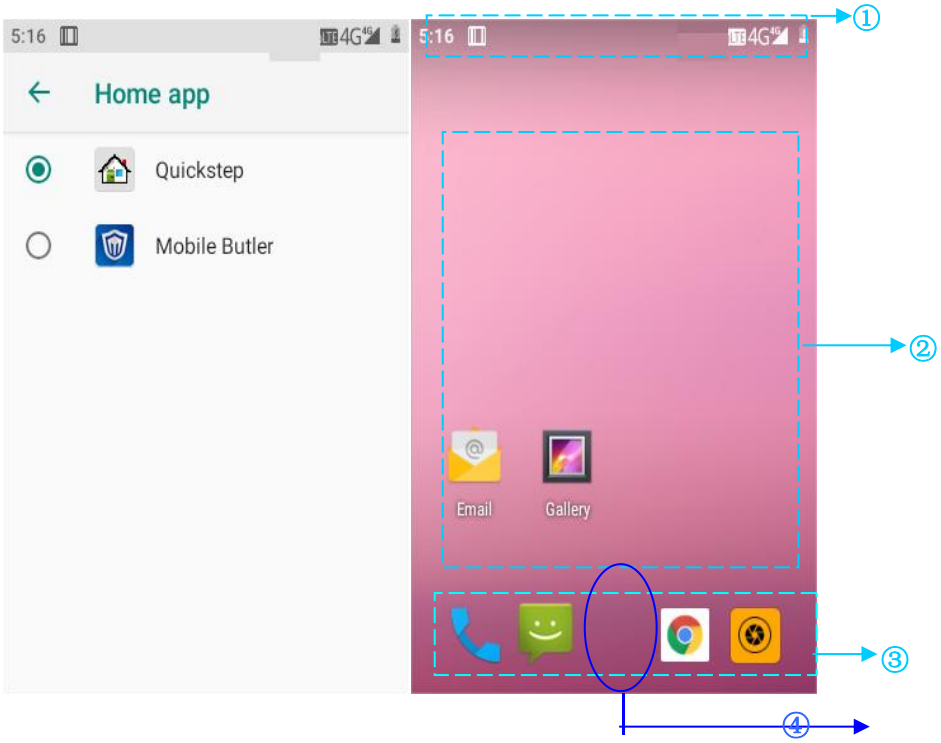


Figure 6-1 Main screen (Trebuchet)

Table 6-1 Main screen items

| |
|---|
| ① Status bar: Display notification and status icons. |
| ② Display area: It is used to place application icons, desktop folders and widgets. |
| ③ Shortcut operation bar: Tap to enter the corresponding application. |
| ④ Application tray: Tap or swipe up to enter the main interface to view all programs. |

## 6.1 Status Bar Icons

Status bar icons and notification bar icons are located on the status bar at the top of the screen, displaying device status information and notifications, as shown in the table below.

| Icon | Description | Icon | Description |
|---|---|---|---|
| | Available Wi-Fi network detected | | Signal strength |
| | Connected to WLAN network | | No SIM card inserted |
| | Uploading data | | Downloading data |
| | WLAN hotspot enabled | | Connected to mobile network |
| | DND mode | | Flight mode |
| | Vibration mode | | Scanning enabled |
| | Missed call | | Charging |
| | New message | | Battery fully charged |
| | Screenshot captured | | Low battery level |
| | Alarm | | Headset inserted |
| | Preparing microSD card | | |
| | USB debugging, USB connection | | |

Table 6-2 Status icons and notification bar icons

# Chapter VII Settings

## 7.1 WLAN

Find this icon:

->Settings
-> Network and Internet
->WLAN
Wi-Fi 2.4G provides a wireless network access range of up to 450 feet (150m), and 5G provides a wireless network access range of up to 300 feet (100m) (Note, industrial grade AP, open area). To use Wi-Fi on your device, you connect to a wireless access point or [Hotspot].
Note: Wi-Fi signal availability and coverage depends on volume, infrastructure, and other objects the signal may penetrate.
Turn on Wi-Fi and connect to a wireless network
1. Tap the WLAN off/on button to turn on Wi-Fi. Automatically scan for available wireless networks.
2. Then the Wi-Fi network list will display the network name and security settings (open network or encrypted network) of the Wi-Fi network found.
3. Touch one of the Wi-Fi networks for connection. When you choose an open network, the device will automatically connect to the network. When you choose an encrypted network, it is required to enter the appropriate password before tapping Connect.

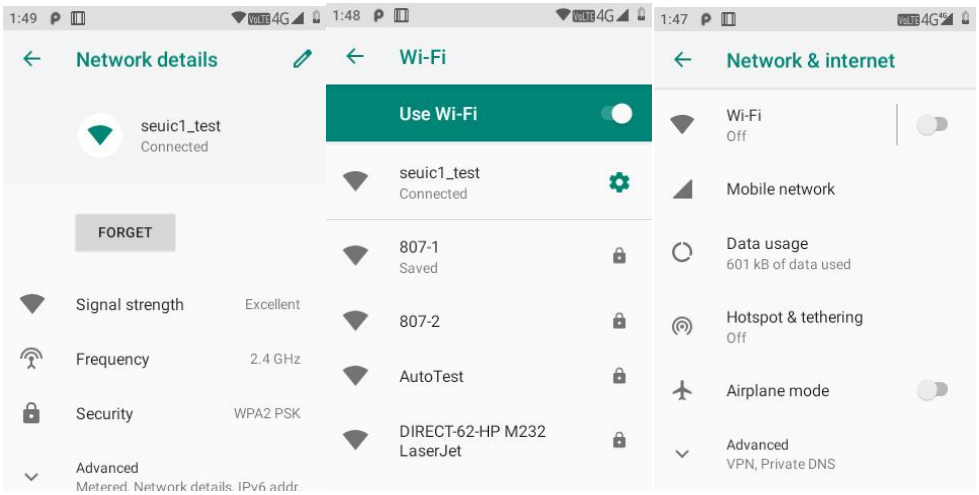


Figure 7-1 Wi-Fi menu

4. For WALN frequency band settings (tap WLAN Preferences at the bottom of WLAN - tap Advanced - tap WLAN Advanced Settings - tap WLAN Frequency Band Settings), only APs in 5GHz/2.4GHz frequency band can be searched when only 5GHz/2.4GHz requency band is selected for use.

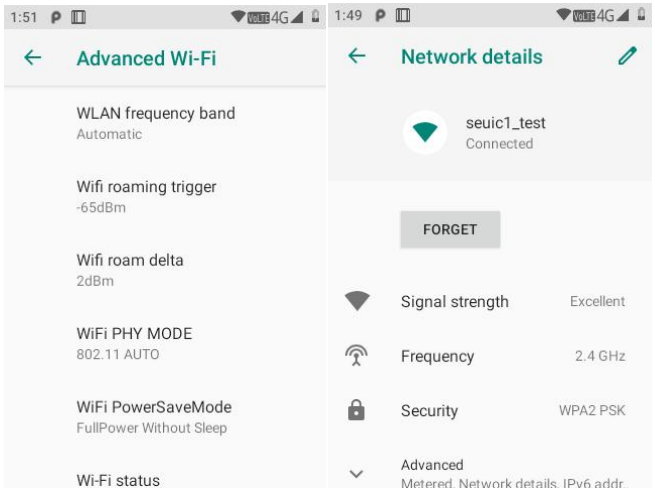


Figure 7-2 WLAN frequency band

- On the Wi-Fi open interface, tap Scan. The found Wi-Fi networks will be displayed in the Wi-Fi network list.
- Touch another Wi-Fi network to connect to this network

## 7.2 Traffic Usage

Find this icon:

->Settings

-> Network and Internet

-> Traffic usage

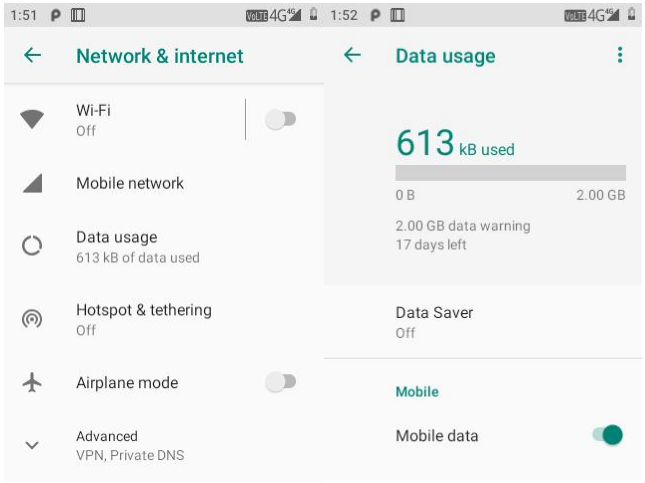


Figure 7-8 Traffic usage

## 7.3 More

Find this icon:

->Settings

-> Network and Internet

-> Advanced

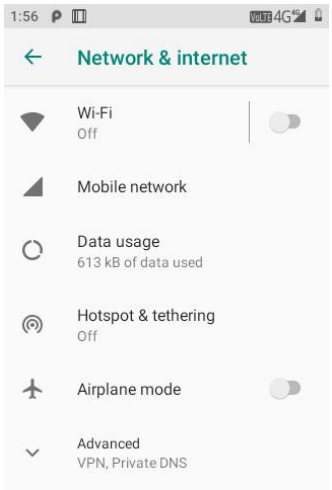

Figure 7-9 More menu

## 7.3.1 Airplane Mode

When Airplane Mode is checked, the wireless module will be automatically turned off.

## 7.3.2 Network Sharing and Portable Hotspot

1. Portable hotspot function, take the device as a Wi-Fi hotspot to provide signal access for mobile phones and computers equipped with Wi-Fi modules within a certain range.
2. Settings---->Network and Internet---->Hotspots and Network Sharing---->WLAN Hotspot---->On, as shown in the picture:

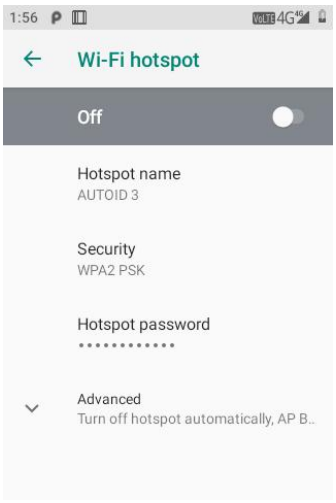


Figure 7-10 Modifying WLAN hotspot

Tap on the place that needs to be modified for modification.

## 7.3.3 VPN

After enabling VPN, to add a VPN private network by yourself (for example, if you want to access the network shared resources such as the Company's internal file server), you can connect to the Company's VPN server through the VPN client no matter where you are, dial up through the VPN client after obtaining an account, and have access to the Company's shared resources after successful dial-up.

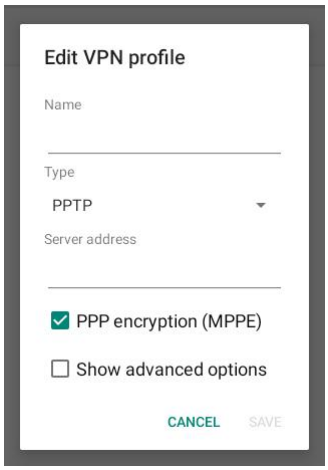


Figure 7-11 VPN settings

## 7.3.4 Mobile Network

1. On: After entering the roaming environment, the data communication can be directly switched to the roaming state.

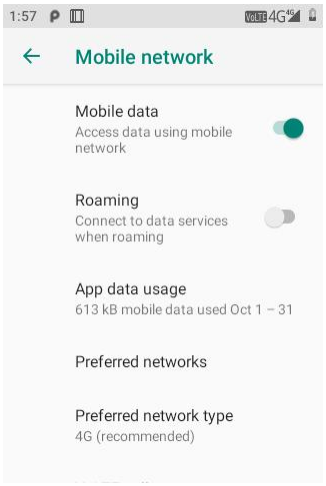


Figure 7-12 Mobile data network roaming

2. Preferred network type: After selecting the corresponding network type priority, the task bar will display the corresponding network signal indication G=2G priority 3G=3G priority 4G=4G priority; if the Unicom card selects the network type 2G priority, the device will degrade it to 2G network even in the area covered by 3G signal. The coverage area will also be forced to be downgraded to 2G network, AUTOID 3 is dual card dual standby, you can enter the preferred SIM card to switch between primary and secondary cards

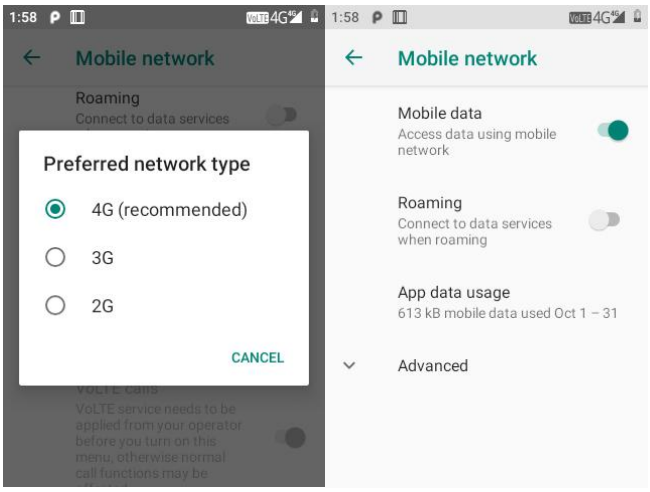


Figure 7-13 Network mode selection

3. For the name of access point, generally the default value is cmnet for mobile, 3gnet for China Unicom and ctnet for China Telecom, as shown in the figure:

Figure 7-14 Access point APN

4. To add a special APN, after tapping the button, the interface below will pop up for generally adding a name (custom), APN (network access point), user name and password, press the Menu key to select Save and complete the addition, press Menu key to choose to give up or press the Back key to return directly and thus give up saving. If you want to modify or delete the added APN, tap to enter for modification, and press the Menu key to save or delete it.

Note: When adding APN, users with other options may make corresponding settings according to their own access point requirements.

5. Network operator: Search the network operator resources of the current environment.

## 7.3.5 Resetting Network

This function will reset some settings of the device's Wi-Fi, mobile data network . Tap the [Reset Settings] button to jump to the confirmation interface for resetting the network, tap [Reset Settings], and a prompt for successful

resetting will be given, as shown in the following figure:

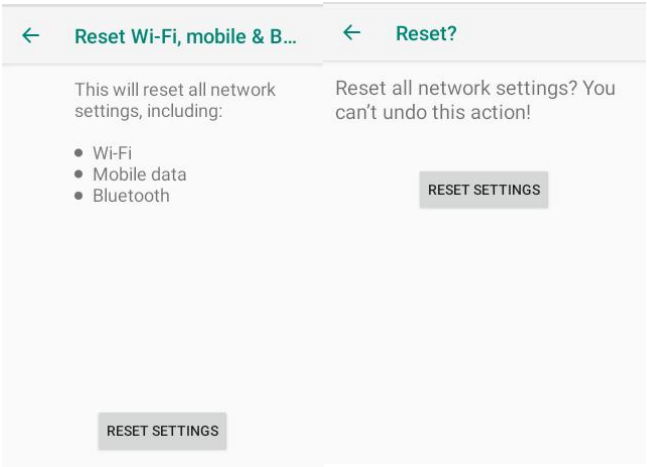


Figure 7-15 Resetting network

Note: 1. The device is connected to wifi. After resetting the network, the device will clear the AP password and disconnect.

2. Turn off the enhanced 4G LTE mode in the mobile data network. After resetting the network, the device will turn on the enhanced 4G LTE mode function by default.

# 7.4 Display

Find this icon:

->Settings

->Display

1. Brightness: you can move the cursor bar left and right to adjust the backlight.

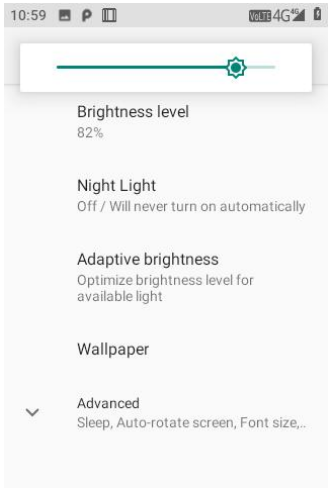


Figure 7-16 Display

2. Wallpaper: you can freely modify the source of wallpaper you want to set, pictures on the gallery, album or memory card after entering, wallpaper: the system comes with pictures by default.

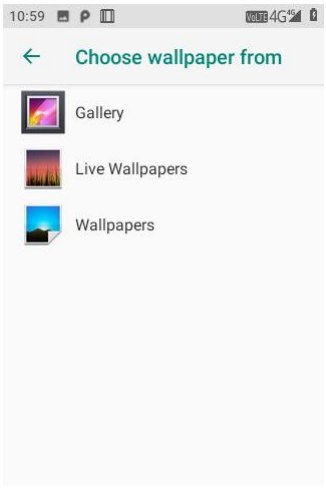


Figure 7-17 Wallpaper

3. Automatically rotate the screen: select the content orientation of the rotated screen, rotate device, and confirm the conditions for horizontal and vertical screen according to the rotation angle.

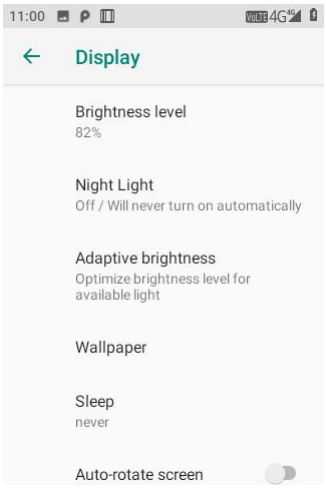


Figure 7-18 Automatically rotating the screen

4. Sleep: change the system sleep time, after the set time is up, and the system will automatically sleep as set.

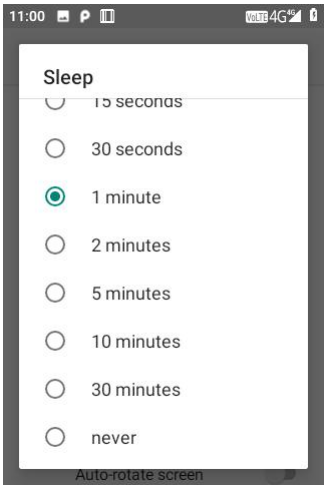


Figure 7-19 Sleep

5. Font size: adjust the system font size according to your own needs, which is divided into small, default, large,

largest.

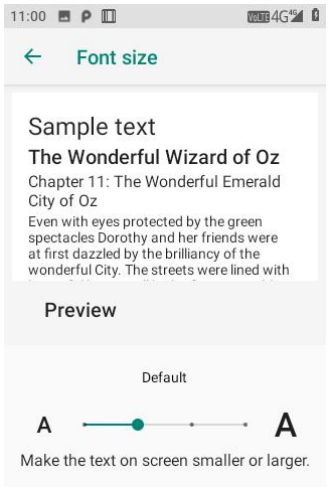


Figure 7-20 Font

6. Wake up when you pick up the device

Your equipment in sleep state after turning on can wake up after being picked up

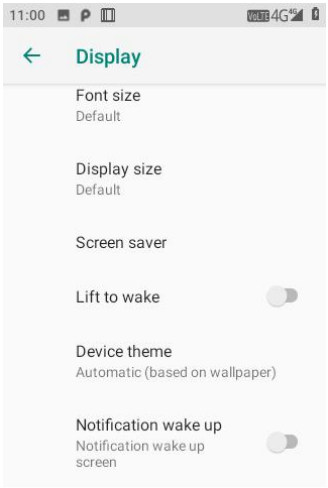


Figure 7-21 Waking up after picking up the device

# 7.5 Notification

Find this icon:

->Settings

-> Apps and Notifications

Settings for app notification messages, including notifications, default apps, app permissions and special app permissions. As shown below:

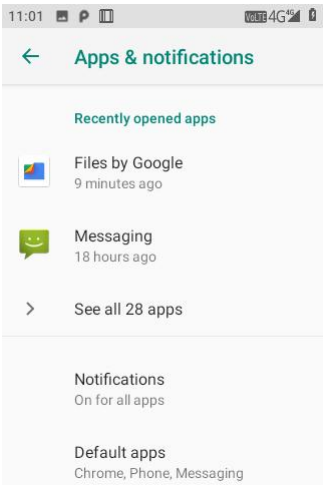


Figure 7-22 Notification

# 7.6 Sound

Find this icon:

->Settings

-> Sound

For the settings of volume, mobile phone ringtone and default notification tone, you can also select or cancel the vibration when ringing, dial pad touch sound, touch tone, charging tone, lock screen tone and vibration when touching by turning it on or off. As shown below:

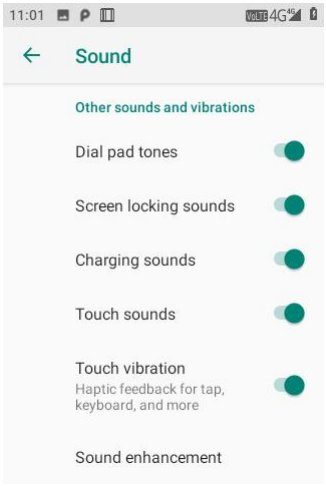


Figure 7-23 Sound

# 7.7 Application

Find this icon:

->Settings
-> Apps and Notifications
Manage application programs. Enter the interface, tap the app you want to uninstall, you will enter the following application information interface, tap Uninstall, and then you can remove the application program from the device.

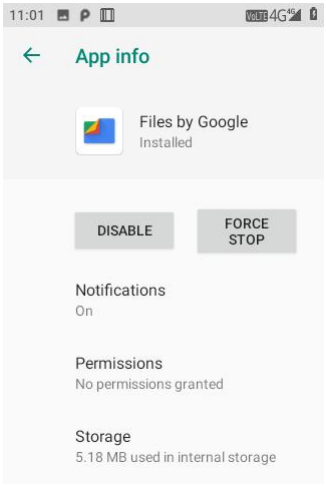


Figure 7-24 Application

# 7.8 Storage

Find this icon:

->Settings
->Storage
To see available storage space, erase the memory card (format the internal memory) and select an option that enables a media scanning of an external memory card or external USB device.

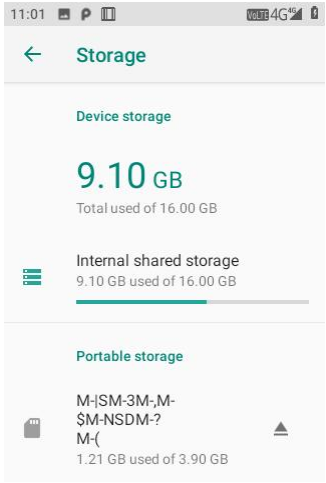


Figure 7-25 Saving

## 7.9 Battery

Find this icon:

->Settings

-> Battery

You can view the current capacity of the battery and check whether the power is displayed in the status bar when turned on and off.

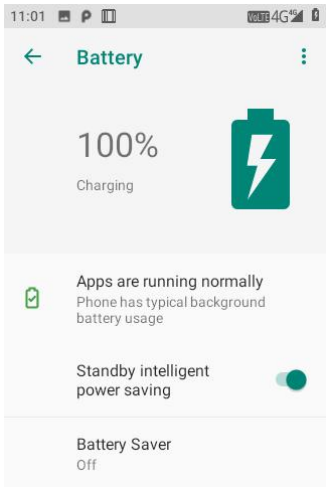


Figure 7-26 Battery

## 7.10 Location Information

Find this icon:

->Settings

-> Security and location information

Check Google's location service, enable GPS positioning function, and download third-party positioning software by yourself.

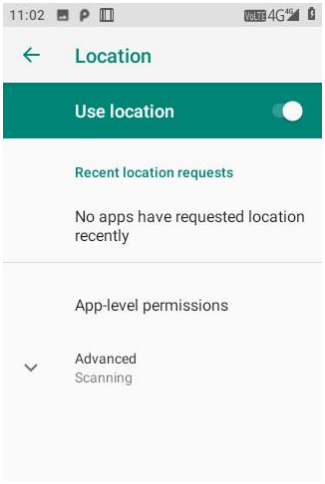


Figure 7-27 Right to use location information

## 7.11 Safety

Find this icon:

->Settings

-> Security and location information

Set screen locking method, display password, device manager, app operation, unknown sources, unknown source app install password settings, trusted credentials, etc.

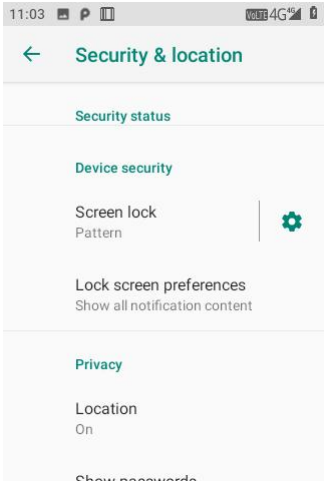


Figure 7-28 Security

## 7.12 Account

Find this icon:

->Settings

-> Account

Create an account and synchronize information (you can synchronize contact information, calendars and other information to the cloud of other products after setting up an account and server).

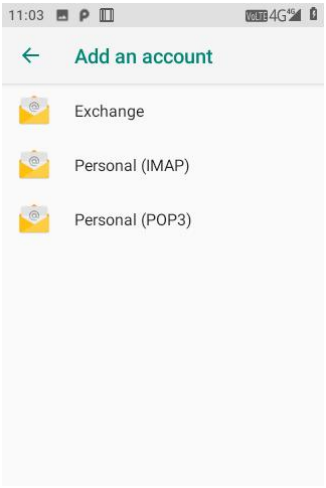


Figure 7-29 Adding account

## 7.13 Language and Input Method

Find this icon:

->Settings

-> Language and input method

With language selection, text input and automatic error correction options, you can select your preferred keypad and input method, and set the text-to-language output and pointer speed, and other input methods will be displayed on this interface if installed.

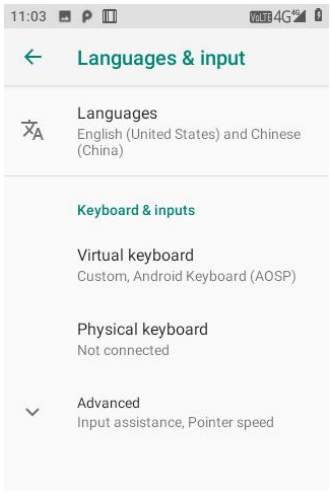


Figure 7-30 Language and input method

# 7.14 Backup and Resetting

Find this icon:

->Settings

-> Backup and reset

Backup or restore data, restore factory settings.

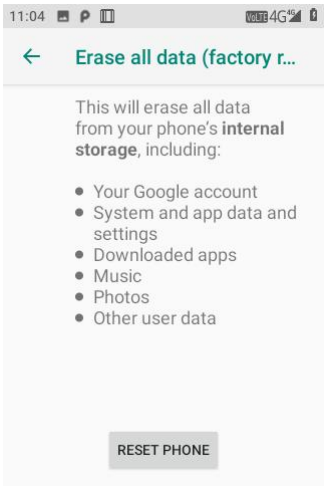


Figure 7-31 Restoring factory settings

# 7.15 Date and Time

Find this icon:

->Settings

-> Date and time

You can use the time or time zone provided by the network, or manually set the date and time, select the time zone, and you can also choose the format in which the time and date are displayed.

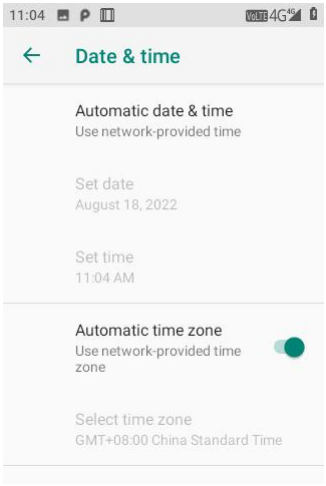


Figure 7-32 Date and time

# 7.16 Accessibility

Find this icon:

->Settings

->Accessibility

Here you can set magnification gestures, high-contrast text, pressing power button to end a call, mono audio, color inversion, color calibration and pressing and holding for delay.

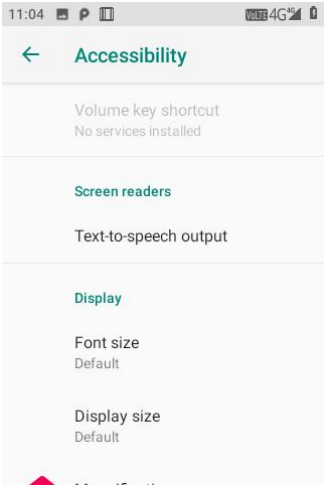


Figure 7-333 Accessibility

# 7.17 Developer Options

Find this icon:

->Settings

-> Developer options

Settings-->About mobile phone-->Version number, tap the version number several times to open the developer options, then you can get some other information on the device, which is common to Android

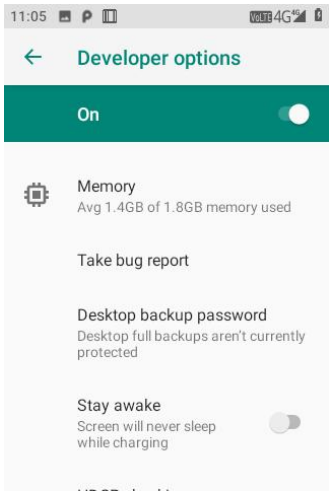


Figure 7-34 Developer Options

# 7.18 About Mobile Phone

Find this icon:

->Settings

>About mobile phone

Device details:

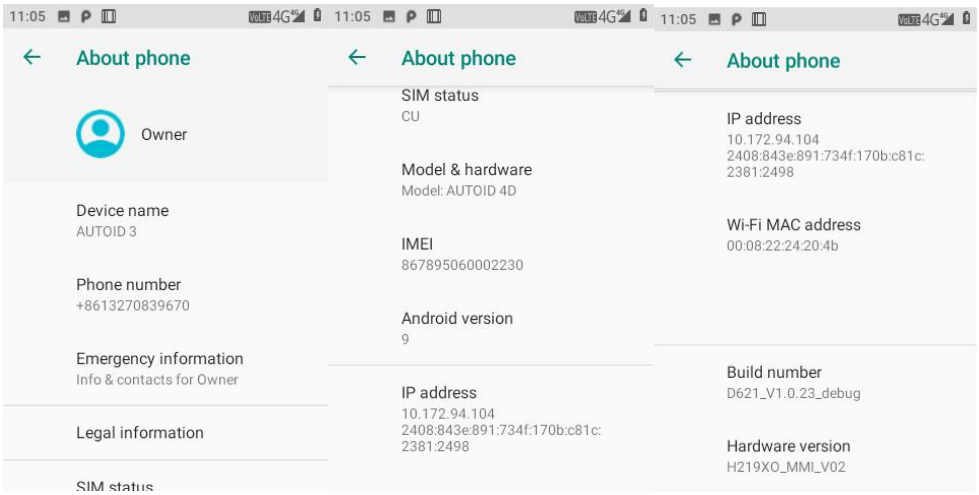

Figure 7-35 About mobile phone

1. SIM status information: you can view the current network, signal strength, IMEI number and other information shown in Figure 7-39;
2. Model: Display the model of the device;
3. Function number: Display the function number of the device;
4. Android version: Android system version;
5. Baseband version: Module version number;
6. Touch screen firmware version number: Touch screen version number;
7. Device serial number: Display the S/N number of the device;
8. Kernel version: Kernel information of device;
9. Version number: System software version of device.

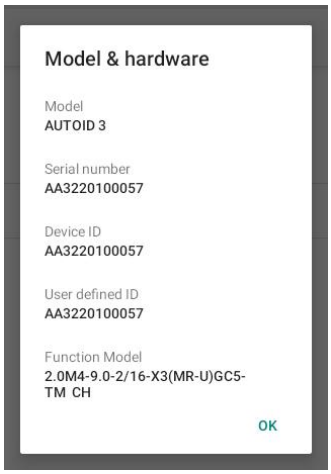


Figure 7-36 Model & Hardware

# Chapter VIII Introduction to Typical Applications

## 8.1 Scanning Tool

1. Search this icon , click on it to enter this interface and press Scan.

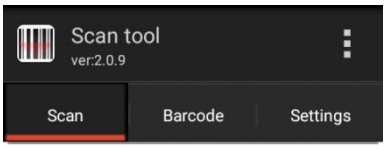

Fig. 8-1 Main interface of scanning tool

2. Select 【Bar code setup】 to enter the bar code type setup interface and set the required bar code;

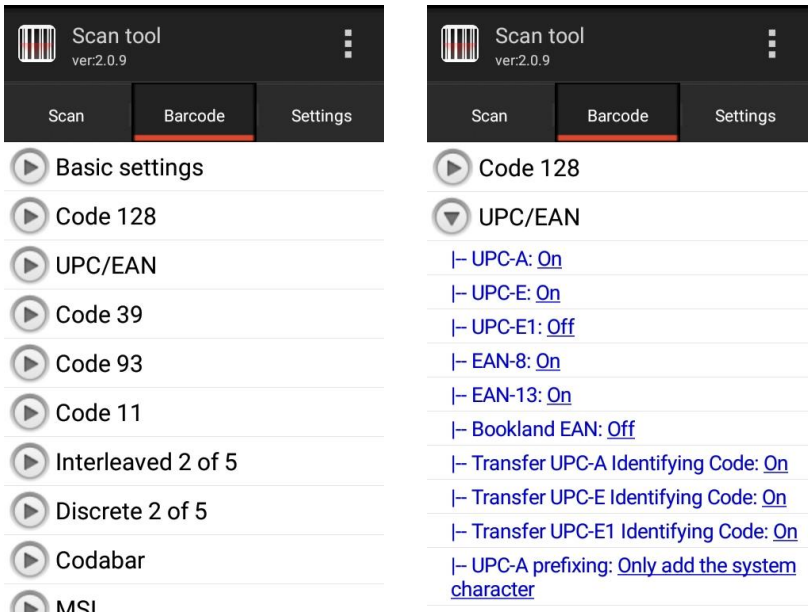


Fig. 8-2 Bar code setup

3. 1D: Click on【Basic setup】to set scanning time, angle and overtime (as shown in Fig. 8-3)

2D: Click on 【Basic setup】 to set scanning security level, light, duration, exposure and centering mode (as shown in Fig. 8-4)

Note: There are differences in basic setup of scanning head of different types and the actual displayed type of scanning head should apply

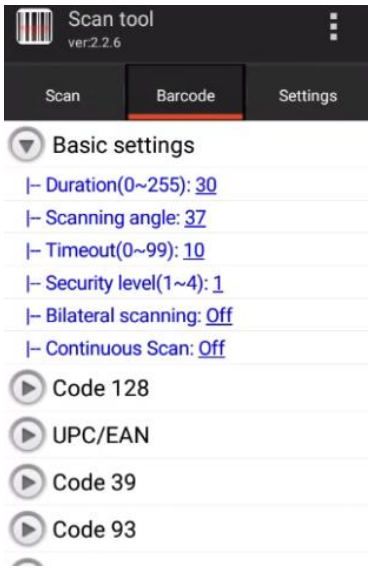


Fig. 8-3 Basic setup interface of 1D scanning head

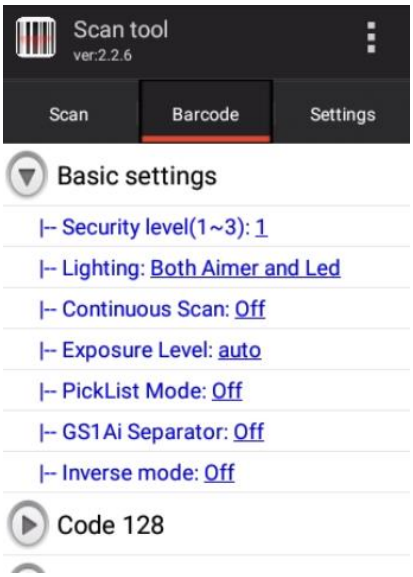


Fig. 8-4 Basic setup interface of 2D scanning head

4. Click on 【Application setup】 to set basic parameters of scanning, as shown in Fig. 8-5:

(1) Scanning sound: Click on it and a voice prompt will be given;

(2) Scanning light: Click on it and the logo light will be green during scanning;

(3) Vibration: Click on it and the machine will vibrate during scanning;

(4) Add bar code: Click on it and bar code will be outputted continuously;

(5) Automatic clearing: The previous bar code will be cleared automatically after scanning;

(6) Self-start: Click on it and the scanning program will be started upon power-on;

(7) Display bar code type: Click on it to display bar code type while scanning a bar code;

(8) Filter invisible characters: Click on to filter invisible characters in the bar code;

(9) Filter initial and last spaces of bar code: Click on it to filter initial and last spaces in the bar code;

(7) Raise to stop scanning: Open it and the scanning light lights off immediately when the scanning key is raised; close it and the scanning light lights off after【Scanning duration】and after the scanning key is raised;

(8) Circulating scanning: Click on it and the machine will scan automatically and

continuously;

(9) Interval time: Set the interval time after scanning a bar code to scanning the next bar code;

(10) Restore bar code settings: Click on it to restore bar code settings, as shown in Fig. 8-6;

(11) Bar code suffix: Bar code prefix: Add bar code output suffix (figure, letter and special character);

(12) Bar code prefix: Add bar code output prefix (figure, letter and special character);

(13) End mark: Select end output marks of bar code, including Enter, Tab, Space and None;

(14) Bar code send mode: Choose to send bar code by focus entry, broadcast, simulated keyboard or clipboard (simulated keyboard should be available for input method of hard keyboard), as shown in Fig. 8-7;

(15) Developer option: Enter password 888888 to modify developer option (which should not be modified without permission), as shown in Fig. 8-8.

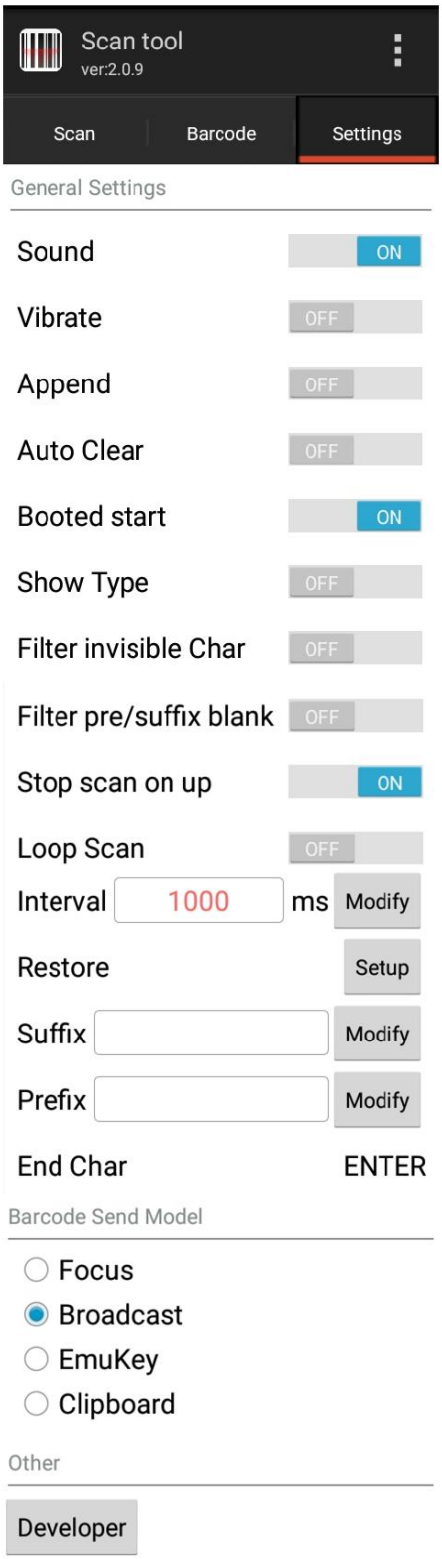


Fig. 8-5 Application setup

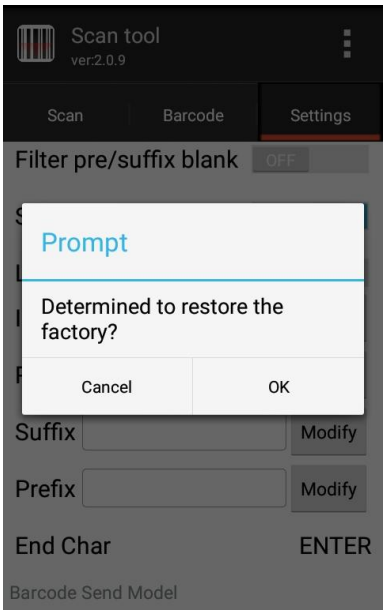


Fig. 8-6 Restore bar code settings

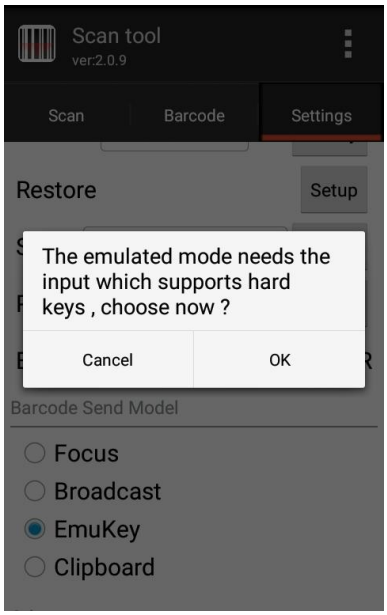


Fig. 8-7 Simulated keyboard settings

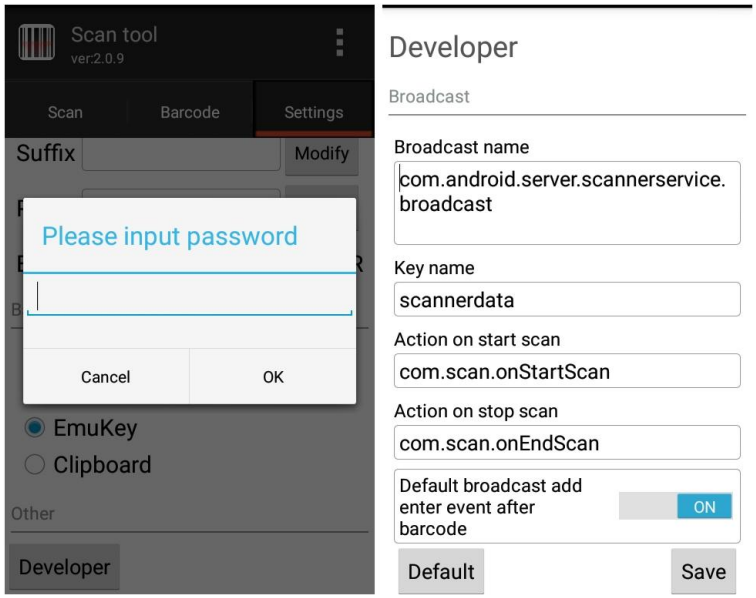


Fig. 8-8 Developer option

5. Program Hide or Exit

(1) Select【Hide】and the program background will run. Press the scanning copy in any editing interface to scan it;

(2) Select【Exit】 and the program will exit and be closed.

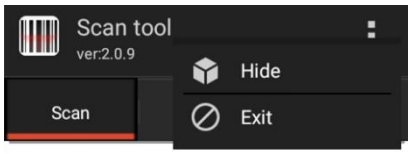


Fig. 8-9 Hide and exit

## 8.2 System Upgrade

This application helps the customer with remote upgrade.

1. Search this icon

to enter 【System upgrade】, as shown below:

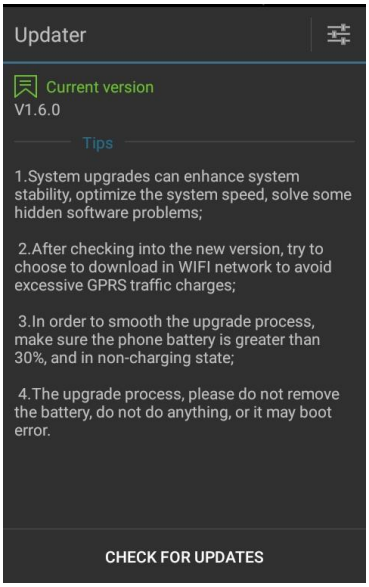


Fig. 8-10 System upgrade

2. When the network is well-connected, click on Check for Updates. A prompt message that current version is the latest version will be given if there is not update; a prompt message that a new version is found will be given if there is update. Click to enter the download interface, as shown below.

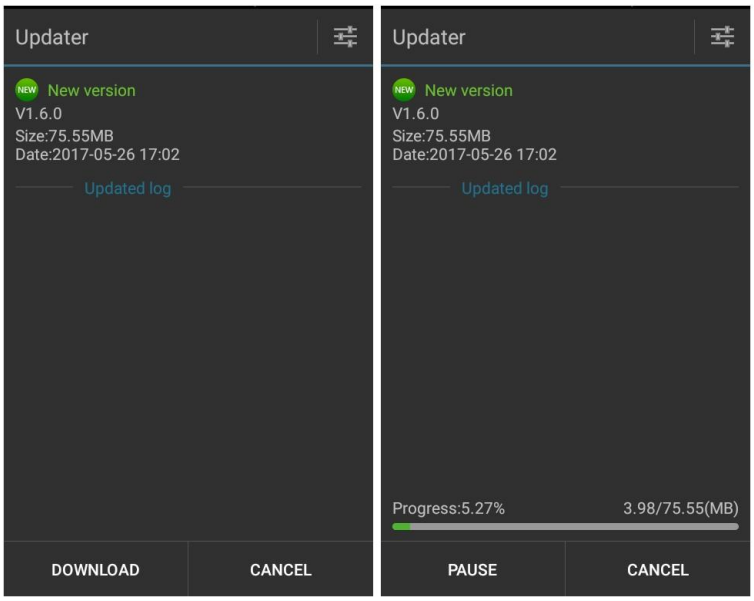


Fig. 8-11 Check for Updates and download

3. Click on Download to download. Then, click on Update Immediately and the device will be restarted automatically and enter the update status, as shown below:

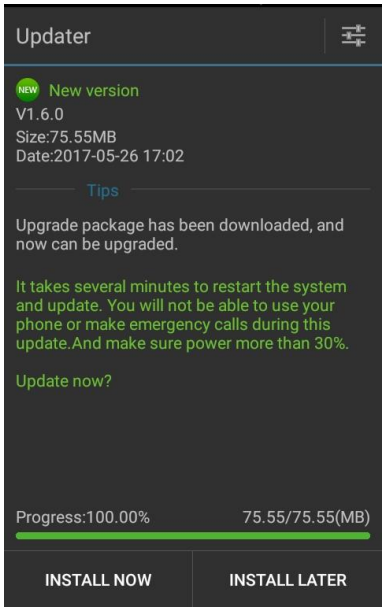


Fig. 8-12 Update Immediately

When the battery capacity is less than 30%, a prompt message will be given as below and upgrade cannot be conducted.

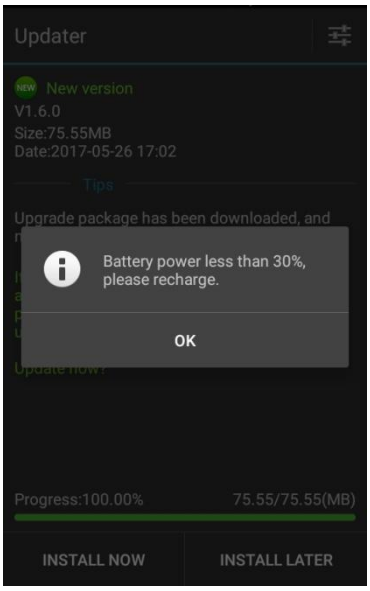


Fig. 8-13 Low battery processing

4. System upgrade setup is shown below:

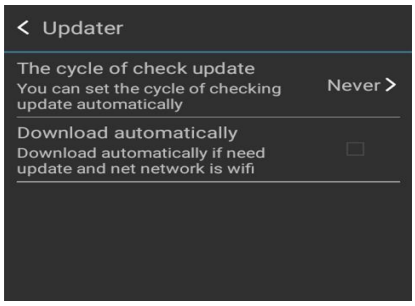


Fig. 8-14 System upgrade

## 8.3 Mobile Steward

To satisfy user need, this product should set Android handheld terminal authority and the user is not allowed to use other applications and the designated application.

- Search this icon setup-->application, click on the Setup button on the top right corner, main screen application ->select mobile steward, press Home to exit to enter the mobile steward starter interface

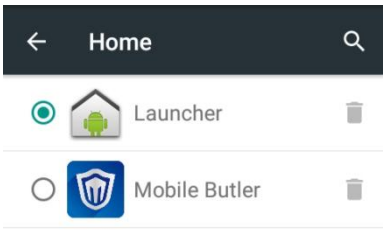


Fig. 8-15 Default starter

- Administrator setup and password modification

(1) In the mobile steward interface, press P6 menu key to add desktop item operation.

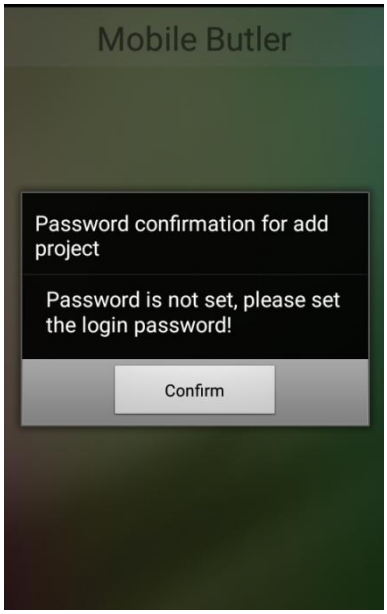


Fig. 8-16 Unset password interface

As shown above, administrator password needs to be set. Click on 【Confirm】 to skip to the password modification interface, as shown below:

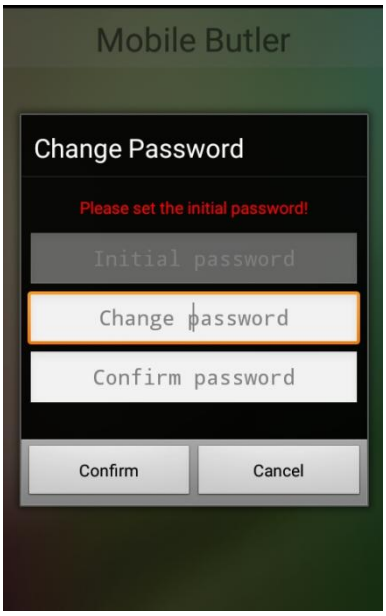


Fig. 8-17 Initial password setup

Set initial administrator password as requested, such as 123456. Click on Confirm and password is set successfully. Note: Password cannot be null and the password updated must be consistent with the password entered.

(2) Short press P6 again, as shown below:

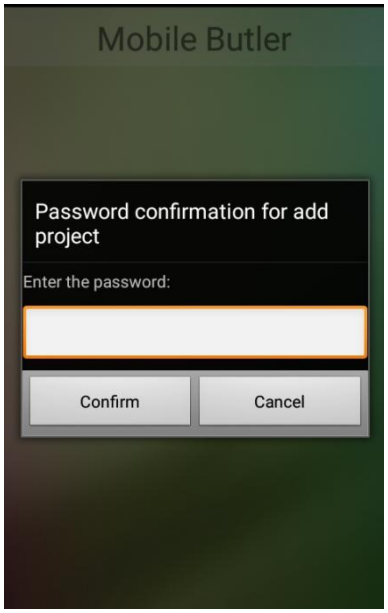


Fig. 8-18 Password input interface

Enter administrator password (123456) to pass the verification, as shown below:

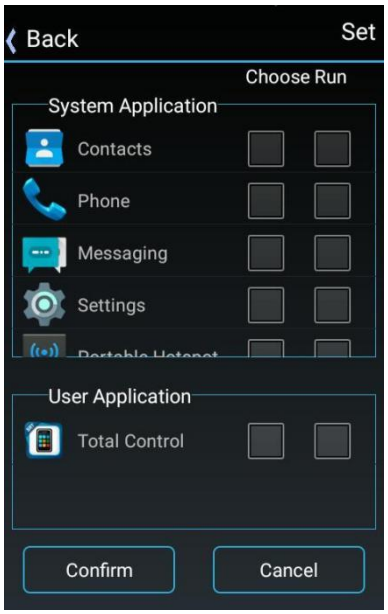


Fig. 8-19 Application addition interface

Select an application to be added into 【Desktop】 to finish addition; select an application and click on 【Self-start】, and this application will be started automatically after the device is restarted (note: Self-start is available for only one application), as shown below:

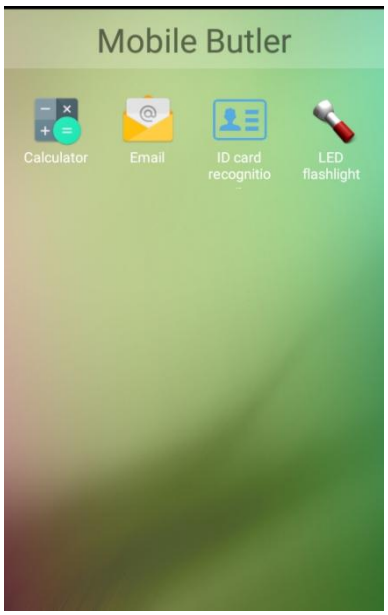


Fig. 8-20 Main interface

(3) Administrator, password modification

In the application addition interface, click on 【Setup】 on the top right corner to enter the setup interface. Click on 【Change password】 to enter the password modification interface:

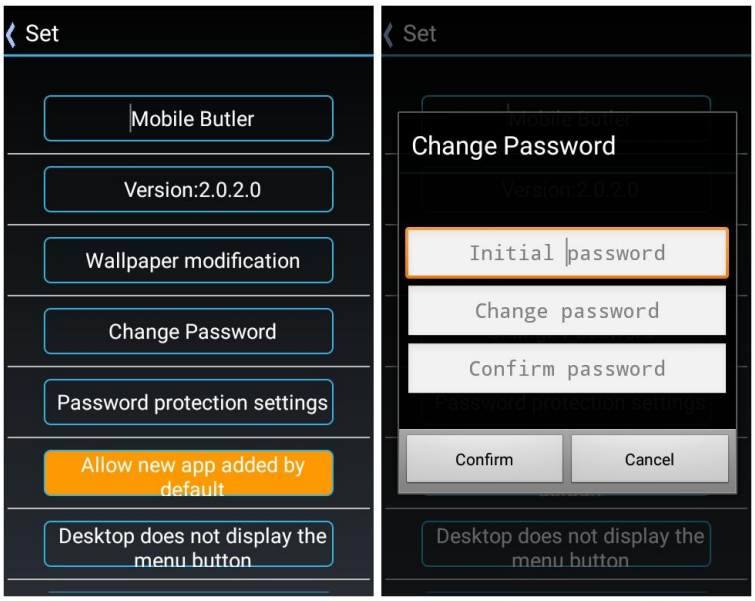


Fig. 8-21 Password modification

(4) Administrator, name modification

Enter the 【Setup】 interface and click on 【Mobile steward】 to modify the name of "Mobile steward".

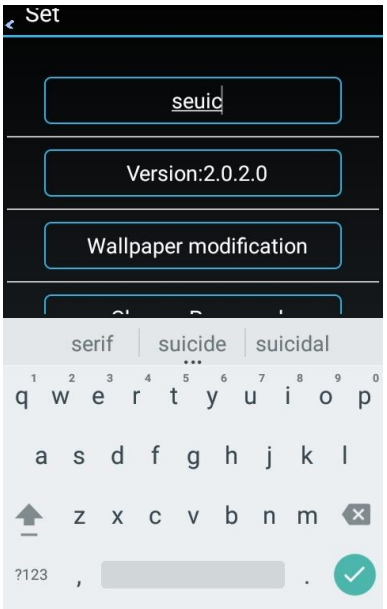


Fig. 8-22 Name modification

(5) Replacement of wallpaper

Enter the 【Setup】 interface and click on 【Wallpaper modification】, as shown below:

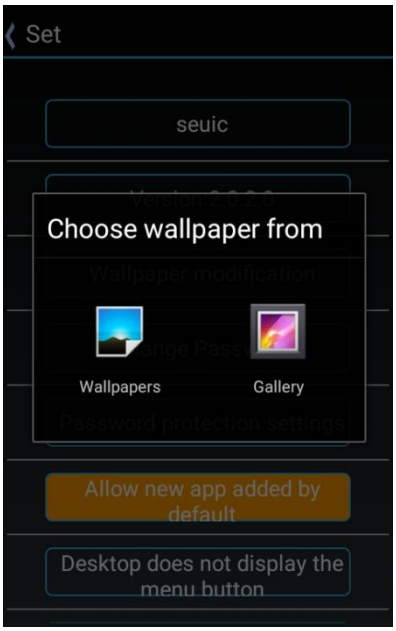


Fig. 8-23 Wallpaper modification

(6) Password setup

Set password protection questions (optional), as shown below:

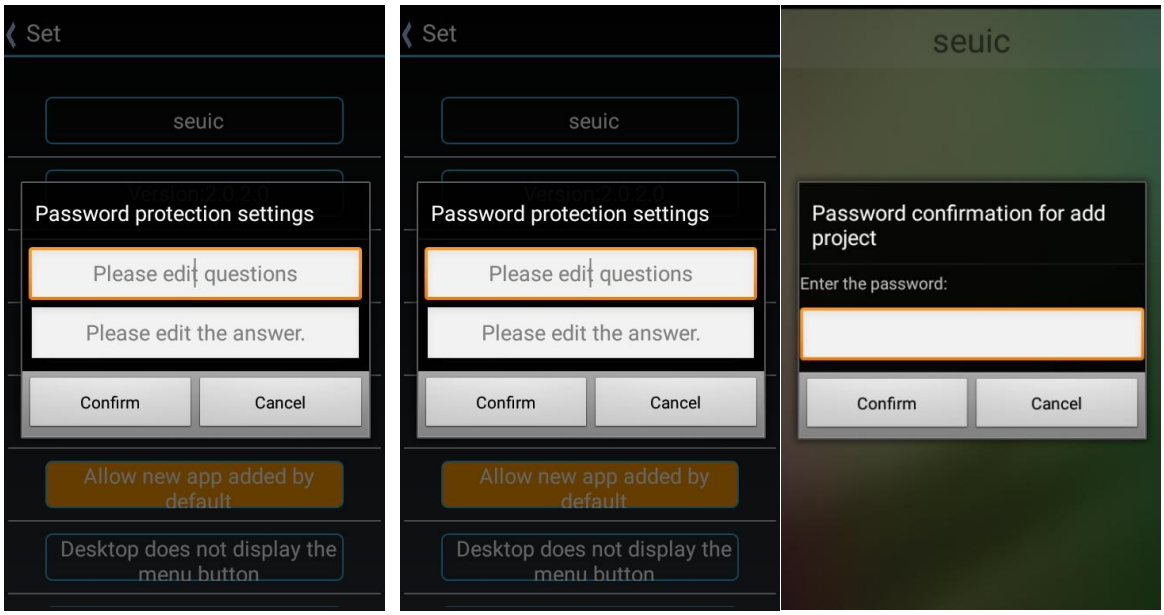


Fig. 8-24 Password protection setup

The password protection setup interface is shown on the top left corner. After password protection question is set,【Forget the password】will appear in the verification position (as shown in the above right figure) for password reset; otherwise, password cannot be retrieved.

(7) New application is allowed to be added by default <---> New application is not allowed to be added by default

Select 【New application is allowed to be added by default】

Note: Applications upgraded online should not be “new application” and applications installed after entering the mobile steward interface will be displayed in the mobile steward desktop. Select 【New application is not allowed to be added by default】 and any applications installed will not be displayed in the desktop.

(8) The menu button is displayed on the desktop <---> The menu button is not displayed on the desktop

To control whether the menu button is displayed in the desktop, select 【The menu button is displayed on the desktop】 , this button will be displayed in the desktop. Click on the button option: Setup/Exit, as shown below:

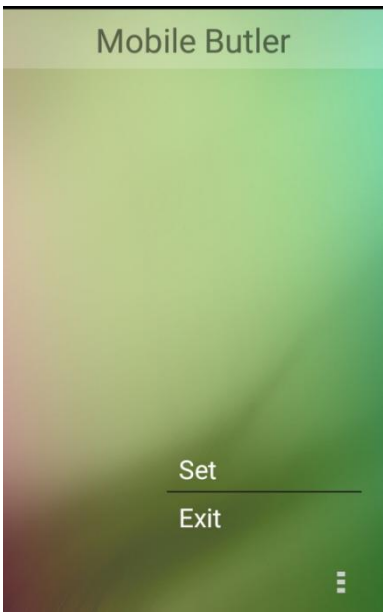


Fig. 8-25 Menu button

Setup: Directly enter the mobile steward setup interface (password needs to be verified);

Exit: Exit from the mobile steward and return to the initial default starter of the system, (the device is furnished with default starter option by default when it enters the mobile steward for the first time).

(9) Mobile steward can be self-started upon power-on <---> Mobile steward cannot be self-started upon power-on

To control whether the mobile steward is used as the default starter, 【Mobile steward cannot be self-started upon power-on】: The default starter is set as the initial default starter

of the system; 【Mobile steward can be self-started upon power-on】: The default starter is set as the default starter.

## 8.4 Shortcut Configuration

This application is used to quickly copy configuration information of a device to another device of the same type so that configuration of two devices is identical.

Configuration of devices of different types cannot be imported.

Search this icon

to enter the shortcut configuration interface;

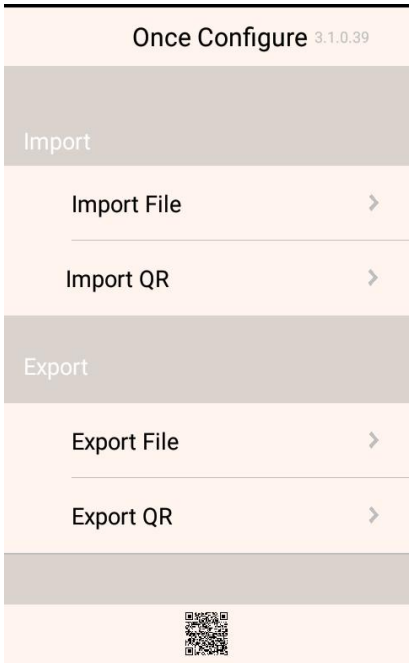


Fig. 8-26 Main shortcut configuration interface

### 8.4.1 Import

1. File import

Place eligible configuration packages under the designated directory of external SD card to import files. System path of external SD card: External SD card/SysSetting/ Setinfo.tar.gz.

(1) Manual import:

1) Place configuration packages (file name is Setinfo.tar.gz) under the directory of

external SD card/SysSetting, as shown below:

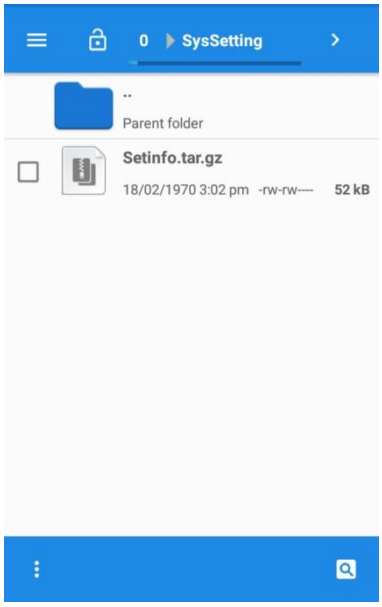


Fig. 8-27 Configuration package directory

2) Enter shortcut configuration, click on 【Import files】 and a prompt box will pop up, as shown below. Click on 【Confirm】;

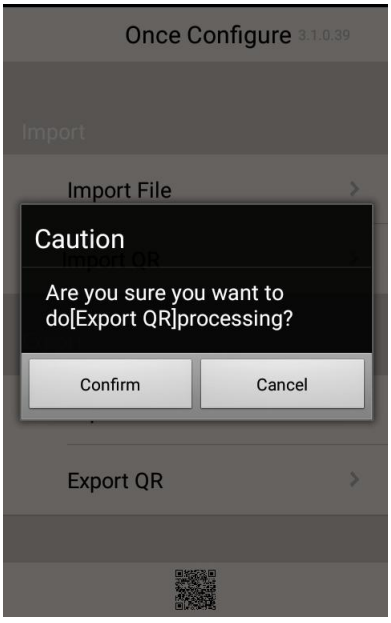


Fig. 8-28 File import

3) After a file is imported successfully, file import item and status will pop up. Click on Confirm and a prompt box of restart will pop up. Click on【Immediate restart】(if the system is not restarted, some configurations will not be validated immediately).

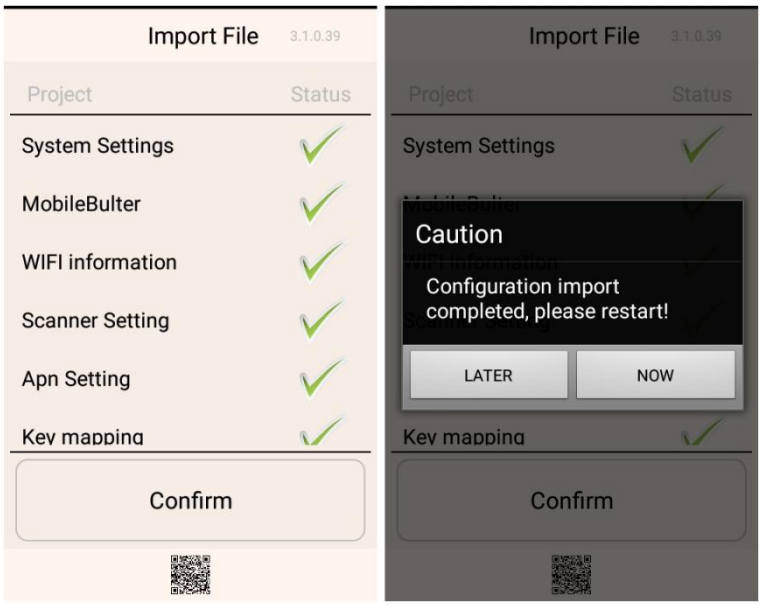


Fig. 8-29 File configuration is imported successfully

1. QR code import

This function can be used to import external configuration files through scanning the QR code and camera can be called to scan other external QR codes to import configuration files.

(1) Enter shortcut configuration and click on【QR code import】to place the QR code to be imported in the scanning box, as shown below:

Fig. 8-30 QR code import window

(2) After QR code is scanned and transmitted successfully, a prompt box of QR code import item and status will pop up. Click on Confirm and a prompt box of restart will pop up. Click on

【Immediate restart】 (if the system is not restarted, some configurations will not be validated immediately).

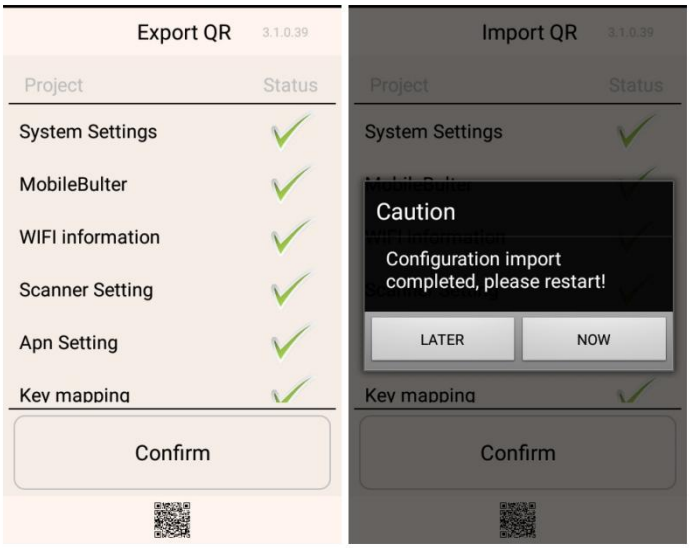


Fig. 8-31 QR code is imported successfully

## 8.4.2 Export

1. File export

This function can be used to export all the configurations of the machine in the configuration import and export tool export to the specified directory of the built-in SD card or external SD card. The name of the exported file is Setinfo.tar.gz. The path of the export file is: a) External SD card/SysSetting/

b) Built-in SD card/SysSetting/

When the device is provided with an external SD card, the file will be exported to the external SD card first.

(1) Enter the quick configuration, and click the [File export] option; the interface below will pop up to show that the file has been exported successfully; when there is a configuration file in the external SD card, there will be a prompt saying that the original file will be overwritten by the exported file:

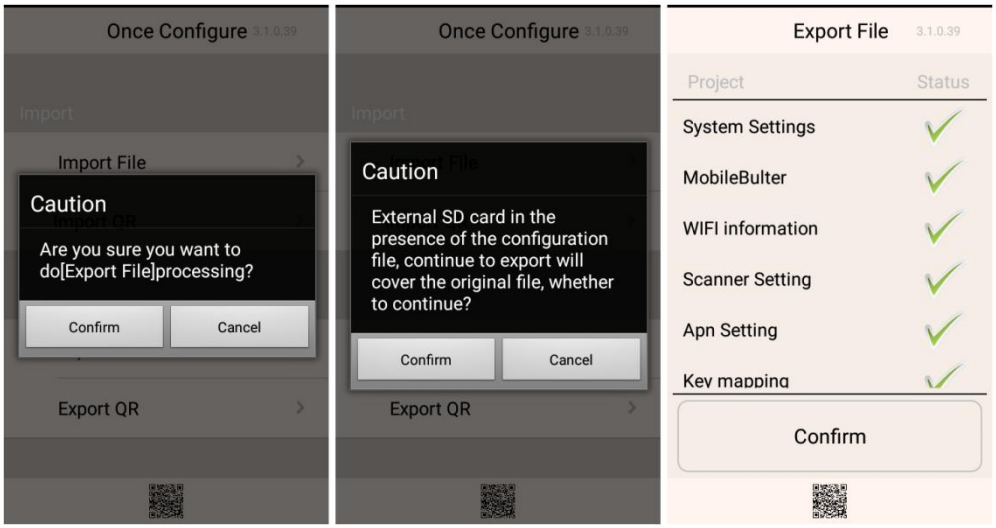


Fig. 8-33 File export

(2) The exported file is named Setinfo.tar.gz, which can be viewed in the path of [File Management] -> [Phone Memory] [External SD Card] -> [SysSetting]:

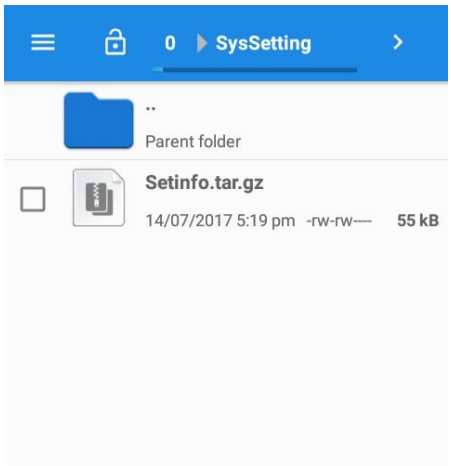


Fig. 8-33 File export path

## 8.4.3 User configuration

1. User configuration file

Name: UserConfig.xml

Storage location: a) External SD card/SysSetting/UserConfig.xml

b) Built-in SD card/SysSetting/UserConfig.xml

Note: When the configuration file is to be exported, the user configuration file on the external SD card will be exported first.

Example:

```
<?xml version="1.0" encoding="UTF-8"?>
<projects>
        <project desc="MobileBulter" desc_zh="移动管家">
            <path>/data/data/com.cn.seuic.homedemo/databases/homeApp.db3</path>
            <path>/data/data/com.cn.seuic.homedemo/files/wallpaper.png</path>
        </project>
        <project desc="WIFI information" desc_zh="WIFI 信息">
            <path>/data/misc/wifi/wpa_supplicant.conf</path>
        </project>
</projects>
```

des: Default name of the setting item

des_zh: Chinese name of the setting item

Path: Configuration path of the setting item (multiple paths are available such as: mobile butler)

Note: If there are other languages, add the corresponding name, format: des_standard abbreviation of the language =corresponding name of the language configured

2. Export of user configuration document

Place the user configuration file that meets the file requirements in the designated location as shown in the figure below (taking the external SD card as an example):

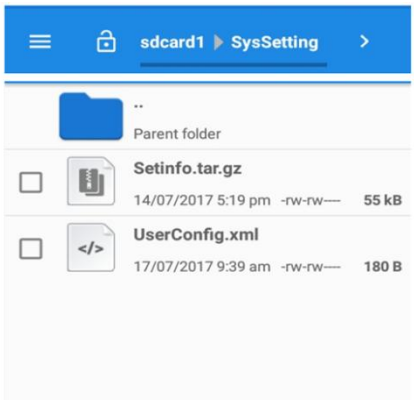


Fig. 8-36 User configuration file

In the quick configuration, click the [File Export] option, and the file is exported successfully as shown in the figure below:

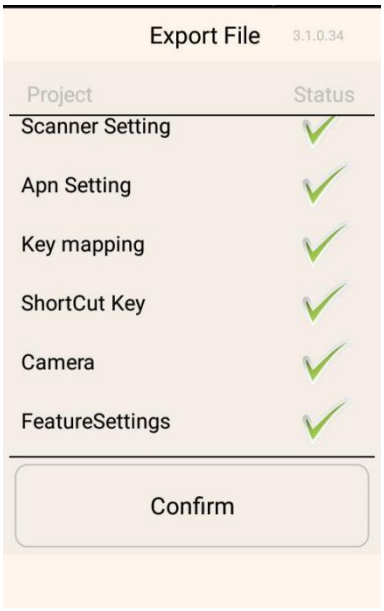


Fig. 8-37 Successful export of user configuration file

## 8.5 Special settings

This application is designed for the customers to quickly realize their special needs, which is convenient and time-saving for customers.

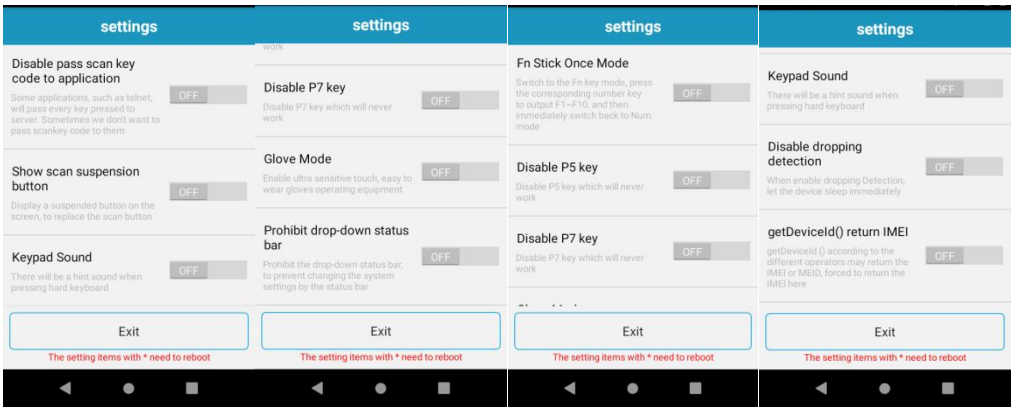


Fig. 8-38 Special key settings

### 8.5.1 Glove mode of touch screen

Enable this function to support the operation of the touch screen with gloves, and the sensitivity of the touch screen is high;

## 8.5.2 Disabling drop-down list of the status bar

Enable

As soon as this feature is enabled, and the drop-down list will not be shown.

Disable

As soon as this feature is disabled, and the drop-down list can be shown as usual.

## 8.5.3 Disabling the home key on the hard keyboard*

Enable: There is no response when the home key is pressed on any interface

Disable: The device will be turned into standby status when the home key is pressed on any interface

Note: After this setting is changed, you need to restart the device to make the change effective

## 8.5.4 No key value of the scan key transmitted to the application

Disable

Some applications such as the Telnet program will transmit all the key values pressed to the server

Enable

In some cases, the disabled application such as Telnet programs will transmit all the key values pressed to the server

## 8.5.5 Automatic shutdown of unknown sources after restart*

Disable

Restart the device, and the unknown source will not be canceled; you can install the APK directly without entering the password again.

Enable

Restart the device, and the unknown source will be canceled; you need to re-enter the password to install the APK again.

## 8.5.6 Showing and scanning the floating key

Enable

There are floating buttons on the screen interface, which can be scanned by touch screen

Disable

There is no floating key on the screen, and the scan function can only be triggered by pressing the scan key

### 8.5.7 Prompt voice of hard keyboard

Enable

When using a physical keyboard, there will be corresponding prompt voice for each key

Disable

When using a physical keyboard, there won't be corresponding prompt voice for each key

### 8.5.8 Disabling drop detection

Enable

The system will not go to sleep when the device is dropped

Disable

The system will go to sleep immediately when the device is detected to drop down

### 8.5.6 Left hidden shortcut on the lock screen*

Enable this function to hide the shortcut application entry in the lower left corner of the lock screen to prevent dialing or other custom functions from being started on the lock screen.

### 8.5.7 Right hidden shortcut on the lock screen*

Enable this function to hide the shortcut application entry in the lower right corner of the lock screen to prevent the camera or other custom functions from being started on the lock screen.

## 8.6 Whitelist of digital certificates

This software is used to include the specified digital certificate into the whitelist. The applications signed with the digital certificate in the whitelist are allowed to be installed directly without opening the "Unknown source". The password of this application is 4007770876.

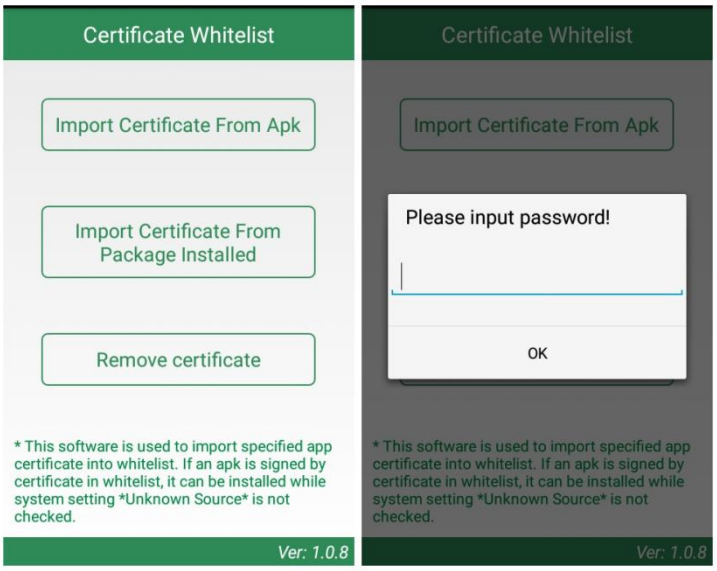


Fig. 8-39 Whitelist of digital certificates

1. Import the certificate into the APK file

The application will search for all APK files in the internal storage device directory, and display their file name and directory. The user can import the certificate in the selected APK file into the system by clicking the [Import] key after selecting single or multiple options displayed.

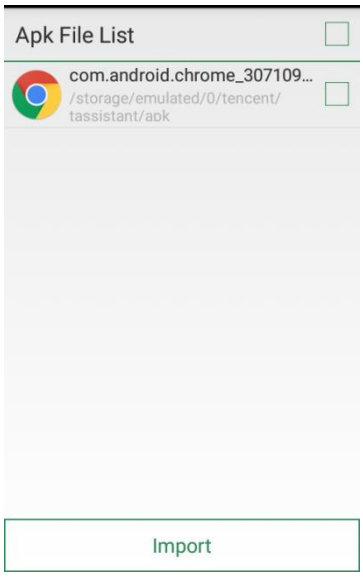


Fig. 8-40 APK file import list

2. Import the certificate in the installed package

The application will display the name of the third-party APP installed in the system and its package name. The user can click the [Import] key after checking single or multiple options displayed to import the certificate in the selected APK file into the system.

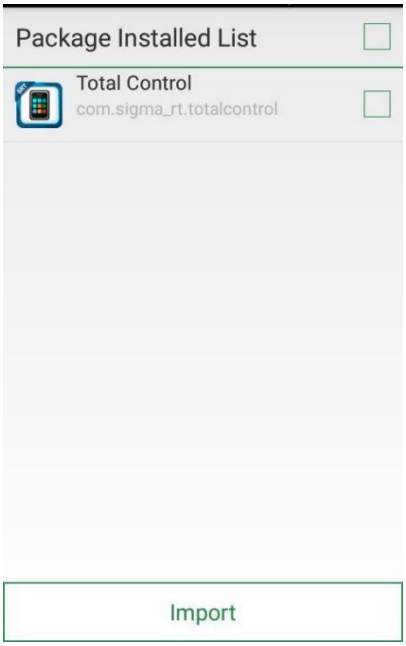


Fig. 8-41 Name list of installed packages

3. Delete the certificate from the whitelist

The application will display the name of the certificate that has been included. Check single or multiple options displayed, and click the [Delete] key to delete the corresponding certificates from the system whitelist. The displayed options that are grayed out without a check box are the default certificates of the system and cannot be deleted.

Fig. 8-42 Types of signature whitelist

Precautions:

The added certificate will be named after the package name of the APP.

For certificates with the same content but different package names, only one record will be saved, which will be named after the first record saved.

# 8.7 Hotkey settings

This application is used for setting the shortcut key (Fn), which is convenient for customers to set the frequently used applications quickly.

1. Find this icon and display the [Hotkey settings] interface;

Fig. 8-43 Main interface of hotkey setting

2. To perform hotkey setting, click the Fn key (such as F2) to display the setting interface as shown in the figure below:

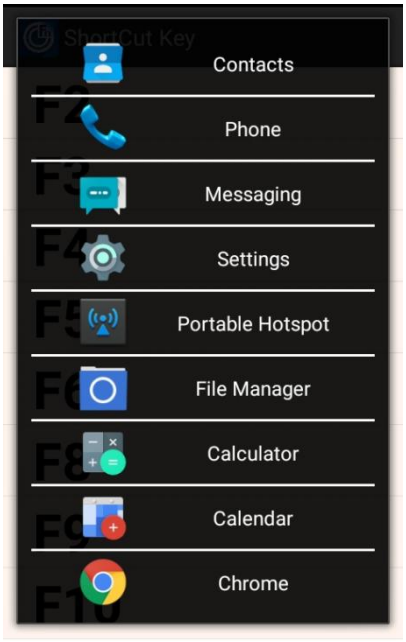


Fig. 8-44 Add hotkey interface

Select the corresponding application as shown in the figure below:

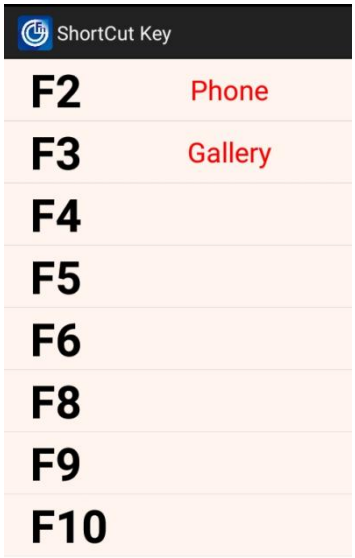


Fig. 8-45 Interface with successfully set hotkeys

3. To cancel the hotkey binding, press and hold the Fn key (for example F2), and the interface below will pop up:

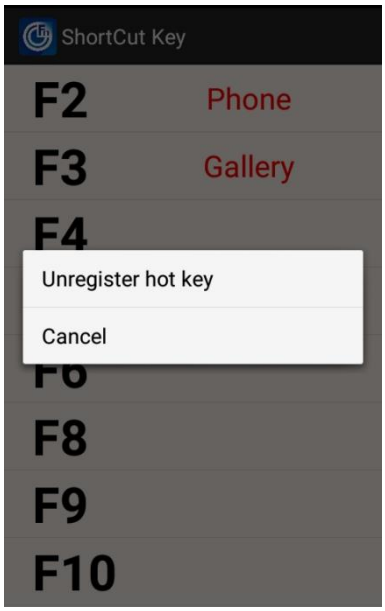


Fig. 8-46 Unbinding hotkeys

Click the [Unbind Hotkey] key to cancel the hotkey setting; click the [Cancel] key to exit the unbinding hotkey interface.

4. Use the hot key to switch the keys on the device to the FN key mode; in the task bar at the top of the screen, the FN mode will be displayed, and then press the F1-F9 shortcut keys on the keyboard. There is no need to switch the Fn mode for the P1-P7 shortcut keys.

# Chapter IX Troubleshooting

| Problem | Cause | Troubleshooting methods |
|---|---|---|
| AUTOID 3 does not turn on after pressing the power button | The battery is low or not charged | Charge or replace the battery |
| | Press | Press and hold for 3S |
| | Incorrect battery installation | Battery is not installed correctly |
| | The system crashed | Execute a soft reset |
| Rechargeable battery cannot be charged | Battery failure | Replace battery |
| | Battery temperature is too high/low | Keep the battery in a normal ambient temperature |
| No sound | Volume is too low or turned off | Adjust volume |
| AUTOID 3 is turned off automatically | AUTOID 3 is in inactive state | After a period of time in inactive state, the mobile data terminal will |

| | | |
|---|---|---|
| | | be turned off. This time period can be set from 15S to 30Min, or please set it to never sleep. |
| | Battery has run out | Charge or replace the battery |
| AUTOID 3 does not decode when reading barcode | Scanning tool program is not enabled | Load scanner in AUTOID 3 |
| | It is in the barcode setting or application setting interface | Set the scanner to the scanning interface, or hide the scanner |
| | Barcode is not readable | Ensure that barcodes are free of defects |
| | The decoding function is not enabled for barcode | Enter barcode settings and enable corresponding decoding |
| | AUTOID 3 does not support the decoding for this type of barcode | |
| | The distance between AUTOID 3 and the barcode is not suitable. | Put AUTOID 3 in the correct scan range. |
| Unable to connect to AP | "There was a problem with authentication" is displayed | Wi-Fi password is incorrect |
| Camera function cannot be enabled | Prompt "No storage device" is given | Exit USB mode and storage mode |
| | Prompt "camera failure" is given | Turn off 2D, because the camera cannot be turned on when the 2D light is emitted |
| | Prompt "Not enough space on SD card" is given | Clear memory or switch storage locations |
| Unable to use mobile data to surf the Internet | Mobile data is not turned on | Go to settings, and enable data network |
| | The network mode is not selected correctly, and the SIM card is not registered | Go to settings and select the correct network mode |
| | SIM card is overdue | Recharge your SIM card in time |

# Introduction of Optional Accessories

Please keep the original box and packing materials for future maintenance or storage of the device. The following accessories can better improve your work, please purchase according to your needs.

- One AUTOID 3 series product
- One USB cable
- An adapter