# S50 Series Product User Manual

## (**Android System**)

| Version | V 1.0 | **Date** | June 23, 2015 |
|---|---|---|---|
| Reviewed & published by | | | |
| Page | 31 pages totally | | |

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Hello,

Thank you for your concern and support to S50 series products.

Before using the series products, you are highly recommended to read the User Manual carefully so as to give full play to product functions. Equipment and system may upgrade from time to time, so

the latest version is the final basis. This manual is for reference only.

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# Chapter 1 Brief Introduction to S50 Series Equipment

### 1.1 System overview

S50 series products are the industrial-level hand-held terminals that are independently developed, designed and produced by our company in line with the characteristics of various industries. Featuring the human engineering design (for product outline), compact and flexible, shockproof and shatter-resistant, long stand-by time and stable system operation, SHT 30 series products are designed by adopting the waterproof, dustproof, shatter-resistant, anti-static and high/low temperature-resistant design complying with IP 67 industrial standards.

## 1.2 Applicable scope

Applicable to shoes, clothing, channels, logistics, medicine supervision and other fields.

### 1.3 Product parameters

S50 Products – Qualcomm Proposal Parameter Table

| | |
|---|---|
| CPU | MSM8X12 1.2G 4 cores |
| Flash | 4G/8G |
| Internal memory | 1G |
| Screen | 3.5" 480*640 |
| 1D code | Support |
| 2D code | Support |
| Structure of scan head | Elbow |
| USB transmission | USB flash disk / sync |
| Wifi | 802.11 A/B/G |
| Mobile communication module | GSM/GPRS/EVDO/WCDMA |
| Bluetooth | Support |
| Camera | 5 mega pixel |
| RFID | Support |
| GPS | Support |
| NFC | Support |
| Extendable TF card | Maximum 32G |
| Headphone jack | Yes |
| Mode of notice | Horn, indicator lamp, vibration |
| Keyboard | 28 common buttons, 2 side buttons |
| Battery capacity | 3800mah |
| Operating system | android 4.3 |
| IP grade | IP67 |

# Chapter 2 Introduction to Product Appearance

## 2.1 Appearance view

Fig. 1 S50 Views

Fig. 2 S50 Side View

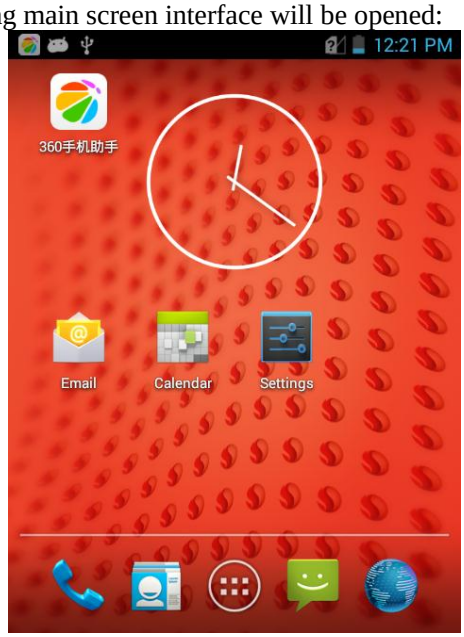
Fig. 3 S50 Back View 1

Fig. 4 S50 Back View

# Chapter 3 System Setting

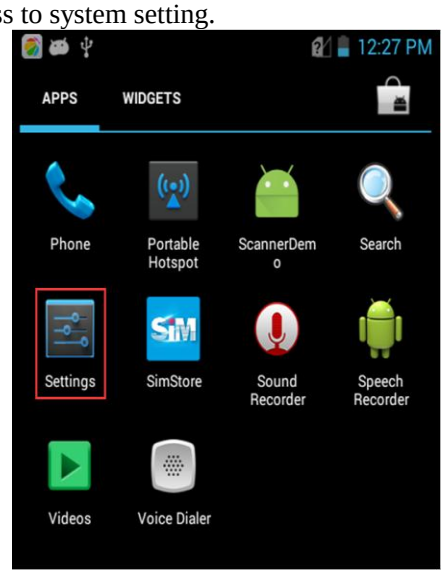
## 3.1 Terminal operation interface

1. After starting, the following main screen interface will be opened:




2. Click the icon in the standby interface, and select the icon

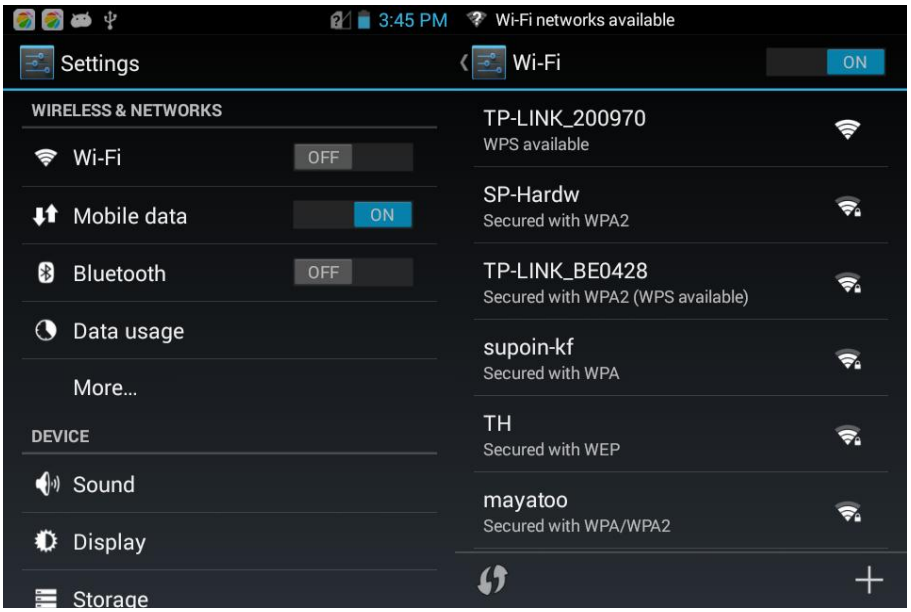
application kits to access to system setting.



## 3·2 Wireless network

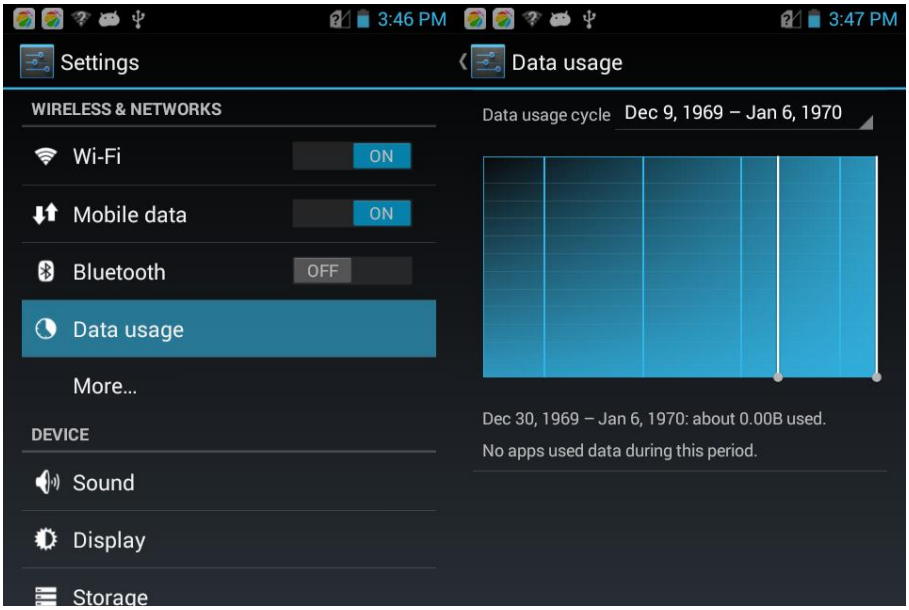
- Wi-Fi（Wireless internet access technique）

  Click the “Set” button and drag the “Close” button to start wireless internet; all available wireless internets will be displayed. Click your wireless internet to connect. If the wireless internet does not need password, every click on the “Connect” will start connecting. If the wireless internet needs password, it is required to enter password firstly, and then every click on the “Connect” will start connecting. If the wireless internet was connected successfully ago, the information will be stored and the wireless internet will be connected automatically. Once the hand-held terminal accesses to the wireless internet successfully, the status bar on the top of the screen will display the wireless internet icon .




- Traffic use

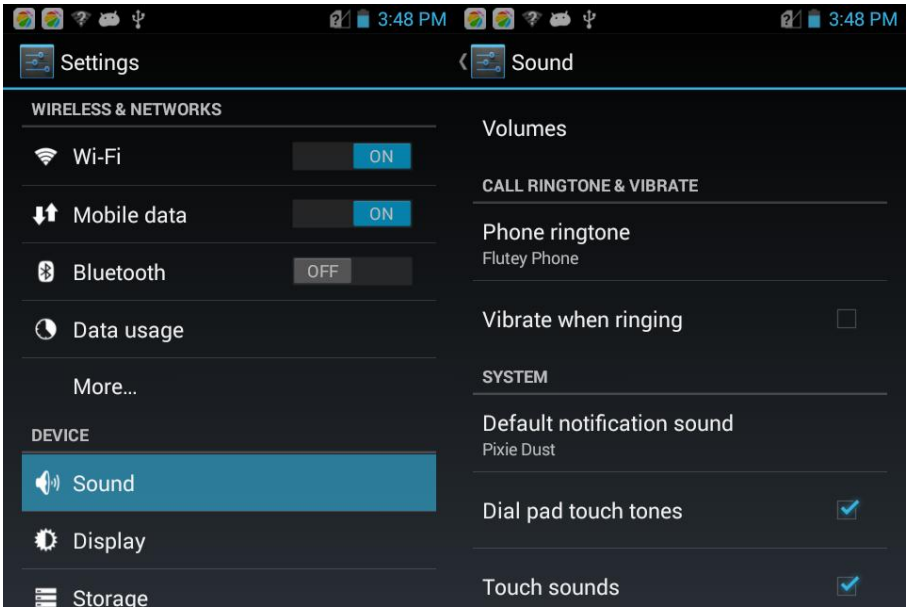
  Select “Start/Stop” mobile data to set the mobile data limit.



## 3.3 Device management

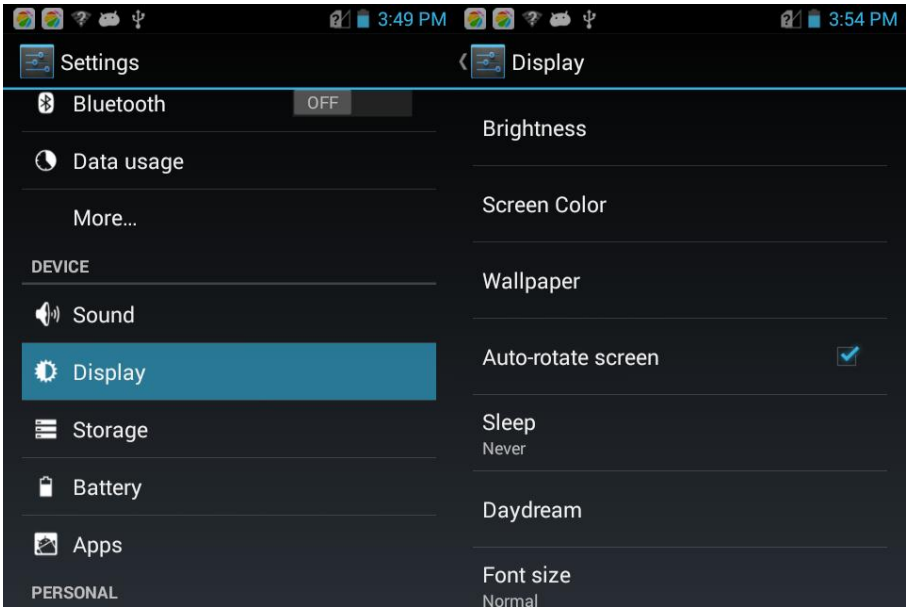
- Sound

Volume, bell and message setting: you can select or cancel vibration, bell and touch volume by checking or unchecking corresponding option.



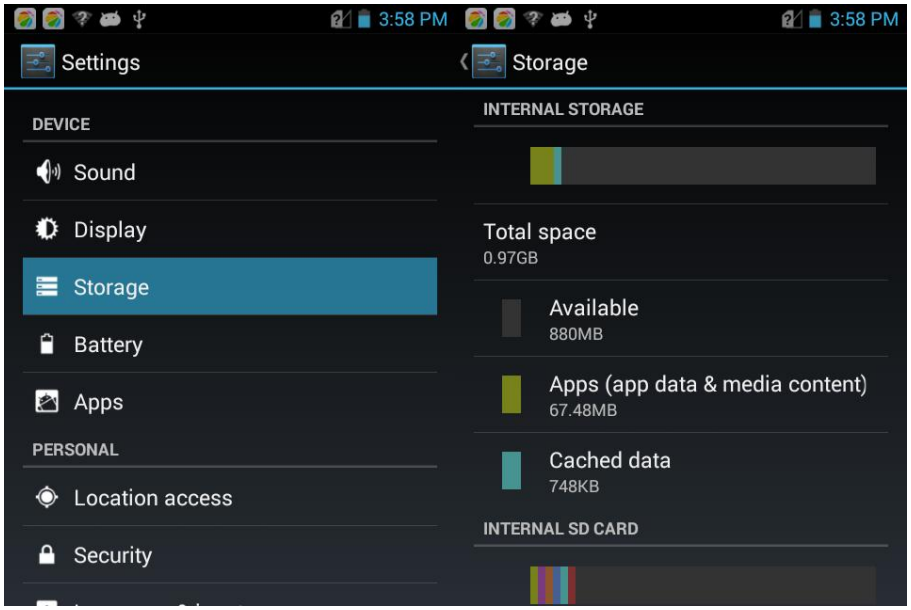

- Display

LCD Brightness, wallpaper, automatic rotating screen, sleeping, fond size, gravity sensor coordinate system, screen adaption will be displayed.




- Storage

Check available storage space, clear memory card (formatting internal memory), select the option for scanning media for external memory card or external USB device.



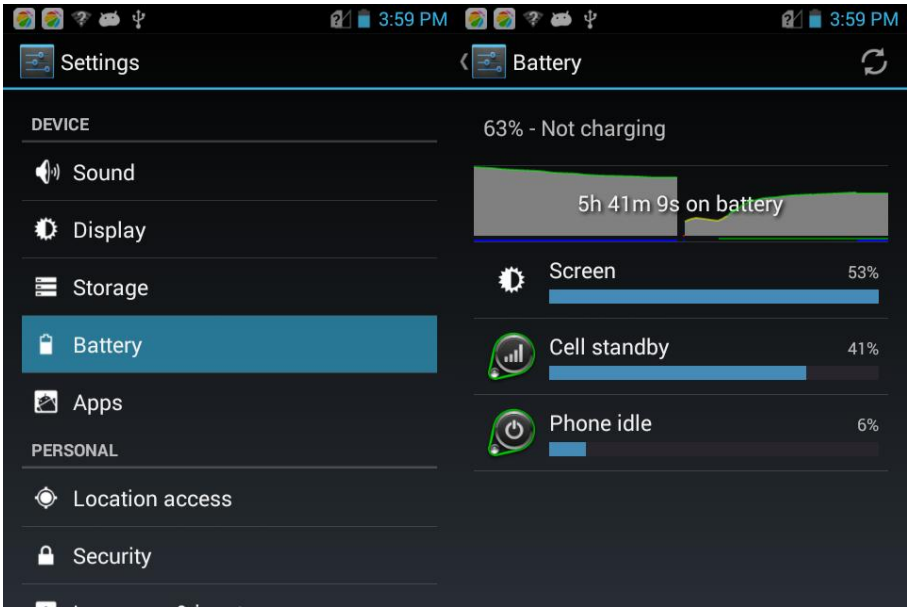

Notes:

1) If you prefer to remove TF card or USB flash disk, you can click the "Unload TF card" option and confirm your selection; afterwards you can remove TF card/USB device safely.

2) Tick the option of "Make media scan for external memory" and "Make media scan for USB device"; by this way, your hand-held terminal device will scan and display the files in external TF card and USB device.

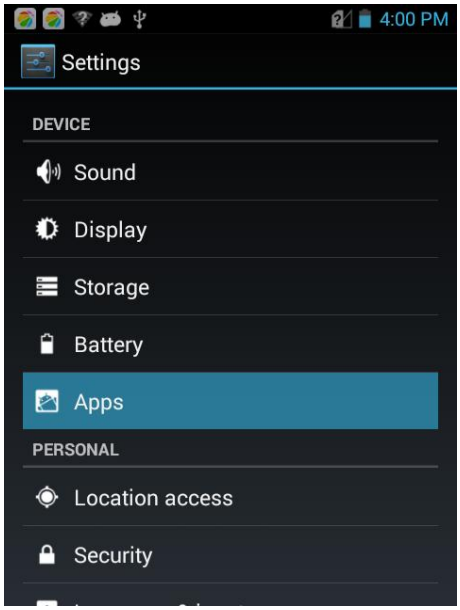
- Battery

  Understanding battery consumption information



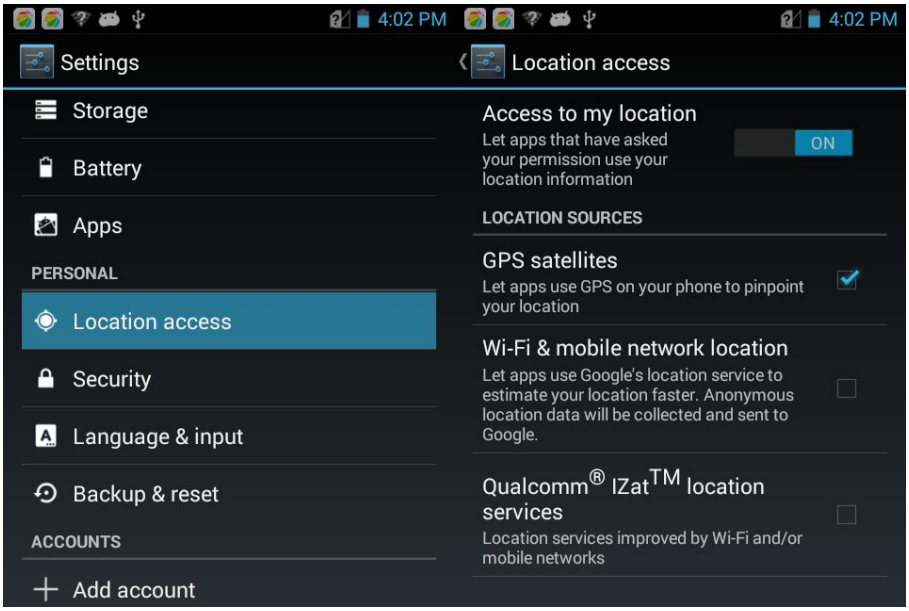

- Application program

Manage application program. Click the catalogue (downloaded, SD card, running or all), and then select the application program you want to download; in such case the following interface will be opened; click the "Download" option to remove the application program from your hand-held terminal device.




## 3．4 Personal information

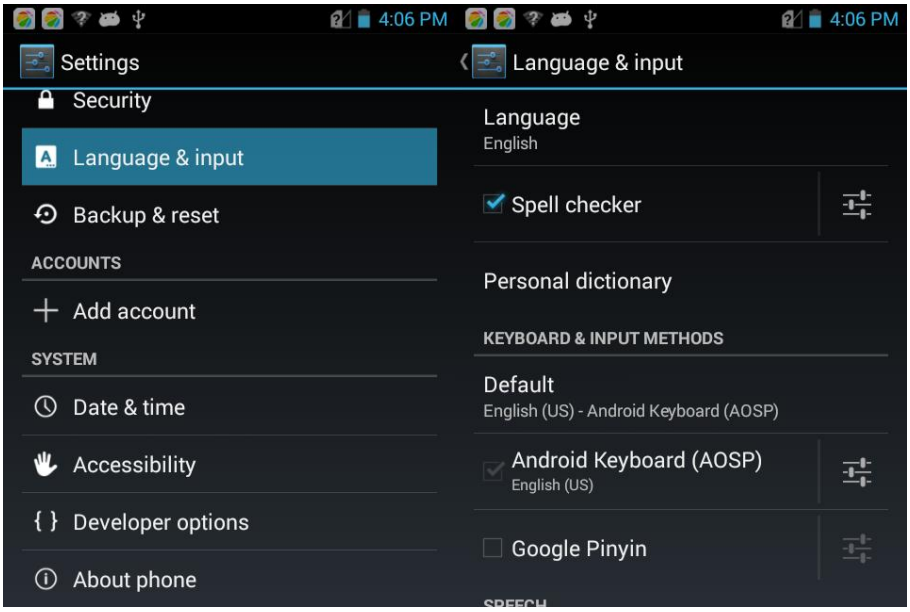
- Position information service




- Safety
  Set screen lock, user information, encipherment protection, device manager.

- Language and input method

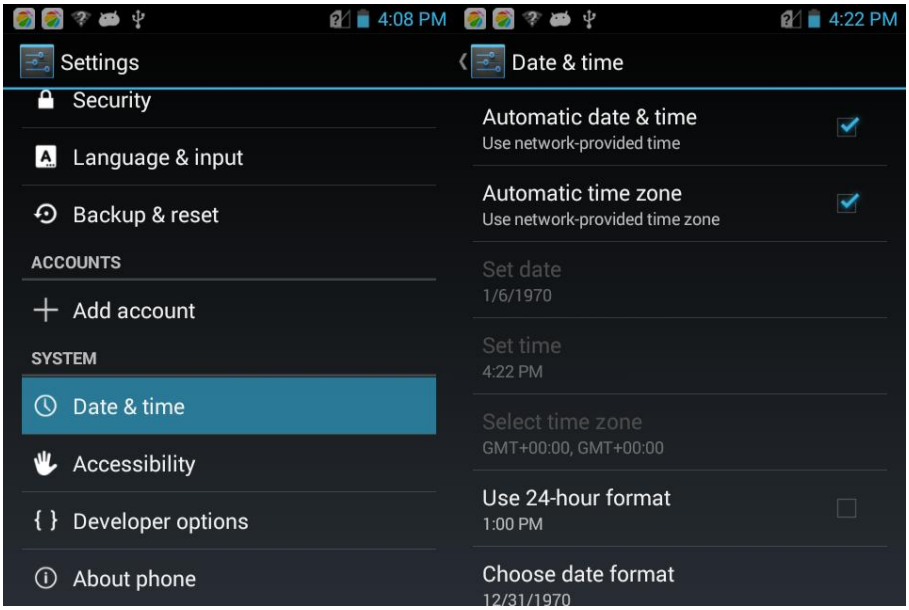
Language selection, text input and automatic error correction options: select your preferred keyboard and input method, set "Word converts to language output".



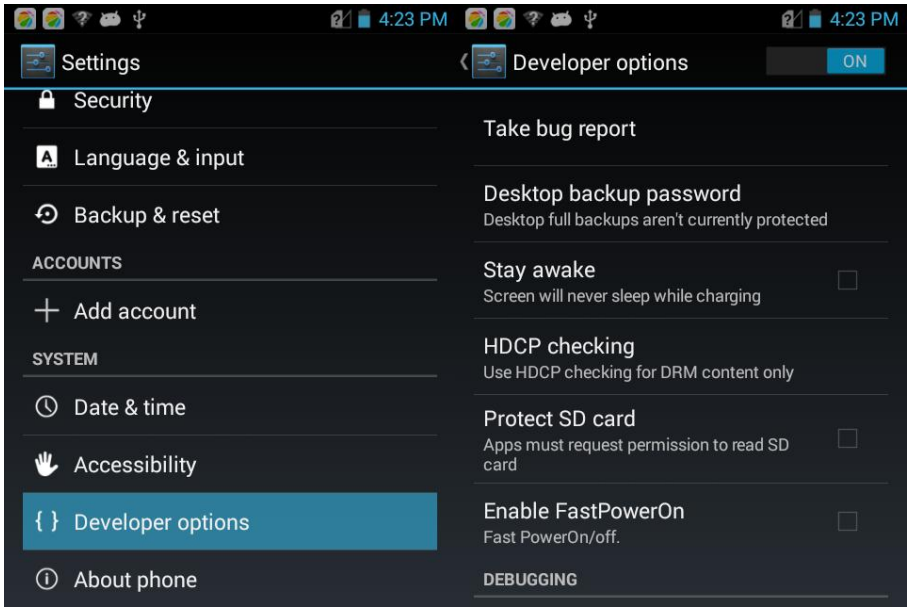

## 3 · 5 System information

- Date and time

You can use the time or time zone provided by the internet, or you can set data and time, and select time zone manually; you can also select time and data display format.




- Developer options
  Other information of hand-held terminal device

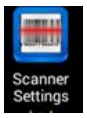



- About the terminal
  Clicking the option can obtain the information related to the hand-held terminal device.

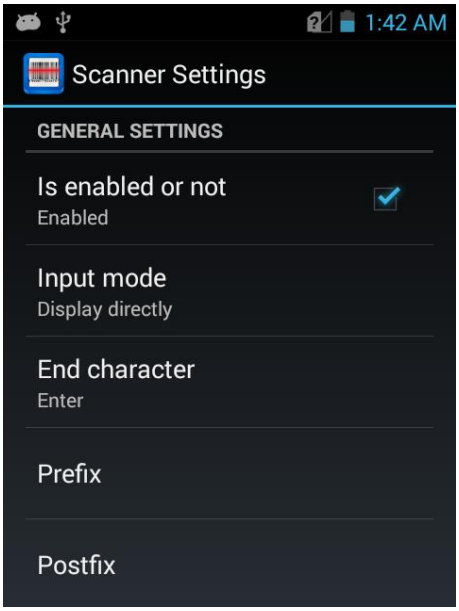
4:24 PM
Settings
Security
Language & input
Backup & reset
ACCOUNTS
Add account
SYSTEM
Date & time
Accessibility
Developer options
About phone
4:25 PM
About phone
Status
Battery Status, battery level, etc.
Legal information
Model number
SHT30
Android version
4.3
Baseband version
SIMT1200_V0.90
Kernel version
3.4.0
smdt@ubuntu #9
Fri Jul 24 15:36:36 CST 2015

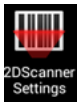
# Chapter 4 Application Software

## 4・1 1D scab setting:

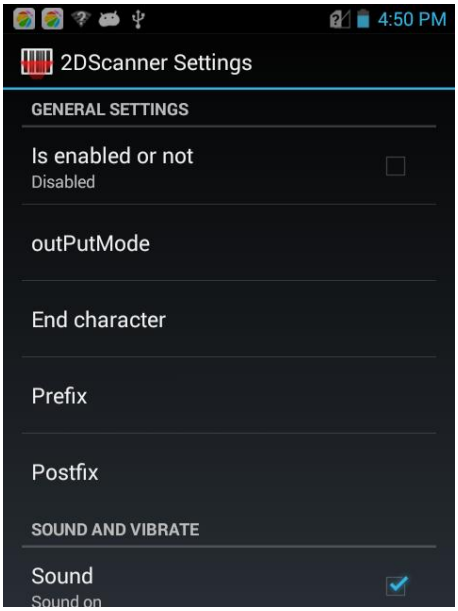



In this interface, you can make setting if the 1D scan head starts automatic setting when the device is powered on, and make settings for prefix, suffix, scan prompt tone, vibration prompt switch.



## 4・2 2D scan setting: 


In this interface, you can make setting if the 2D scan head starts automatic setting when the device is powered on, and make settings for prefix, suffix, scan prompt tone, vibration prompt switch.




## 4・3 PSAM card setting

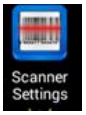
In this interface, you can make setting if the 2D scan head starts to identify PSAM card when the device is powered on, and make settings for scan prompt tone and vibration prompt switch.

# Chapter 5 Common Problems

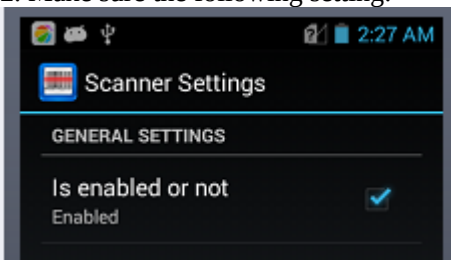
## 5・1 How to deal with if the device can not access to internet successfully?

1. Check if there is WIFI signal icon on the upper right corner;
2. Check if you are staying in the area covered by the internet, and if your device is connected with the valid AP.
3. For WIFI connection setting, see Page 8; wireless internet ->Wi-Fi (wireless internet access).

## 5・2 How to let the device scan 1D barcode automatically when it is powered on?

1. Check if the “scan head scans program automatically” is started; 

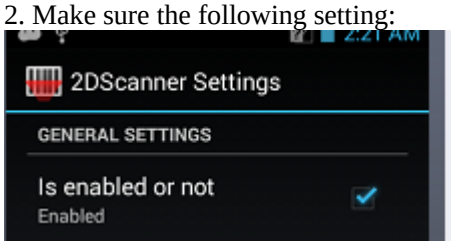
2. Make sure the following setting:




## 5・3 How to let the device scan 2D barcode automatically when it is powered on?

1. Check if the “scan head scans program automatically” is started;

2. Make sure the following setting:




## 5. 4 How to let the device scan PSAM card automatically when it is powered on?

1. Check if the “scan head scans program automatically” is started;
2 Make sure the following setting:

# Chapter 6 Precautions and Maintenance

The device you use is the product of excellent design and technology, so you should use it carefully. The following suggestions will help you to use our warranty services efficiently.

1. Use the device only by observing the instructions of the User Manual; do not try other methods.
2. Keep your device dry always; a long-time exposure to dampness may corrode circuit board and cause power-on failure.
3. Keep your device clean always; do not leave it in the dusty or dirty place for a long time; if not, your device may not be powered on normally or occur other problems.
4. Do not leave your device in the overheated or overcool place for a long time.
5. Do not hit or fall off your device heavily.
6. Do not disassemble the device at your own discretion.

Correct use and maintenance to your device will help you to give full play the product performance. According to the reflections of most customers, most of problems are caused by the improper use or poor maintenance. If the device can not work normally, you are suggested to read carefully the product's User Manual or contact our research personnel.