



Mobile Intelligent Terminal
Manual Instruction V1.0 Version
Android Operation Manual

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Hello,
 Thank you for your concern and support to 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.

Chapter 1 Brief Introduction

1.1 System overview

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 Applications

Applicable to garments, channels, logistics, medicine supervision and other fields.

1.3 Product parameters

Products – Qualcomm Proposal Parameter Table .

Product Model	
CPU	Qualcomm MSM8X12 Quad core 1.2GHz Qualcomm M8909 Quad core 1GHz
ROM	4G/8G
RAM	1G
Screen	3.5" 480*640
1D code	Optional
2D code	Optional
Structure of scanning engine	Elbow
USB transmission	USB flash disk / sync
Wifi	IEEE 802 a/b/g/n
Mobile communication module	GSM/GPRS/EVDO/WCDMA/TDD-LTE/FDD-LTE
Bluetooth	Optional
Camera	8 mega pixel
RFID	Optional
GPS	Optional

Extendable TF card	Maximum 32G
Headphone jack	3.5mm stereo
Mode of notice	Horn, indicator lamp, vibration
Keyboard	28 common buttons, 2 side buttons
Battery capacity	3800mah
Operating system	android 4.3/5.1
IP grade	IP65

Chapter 2 Introduction of Product Appearance

2.1 Appearance view

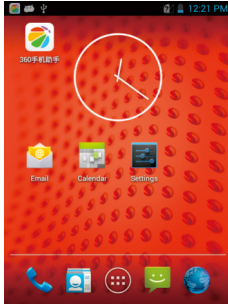
Handheld Mobile Terminal



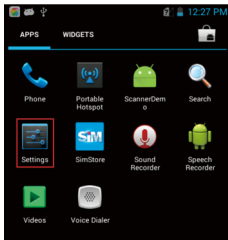
Chapter 3 System Setting

3.1 Terminal operation interface

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




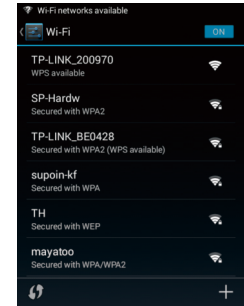
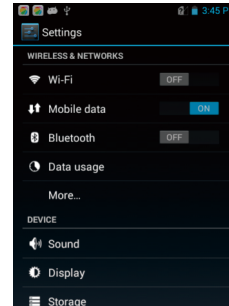
2. Click the icon  in the standby interface, and select the icon  application kits to access to system setting.



3.2 Wireless network

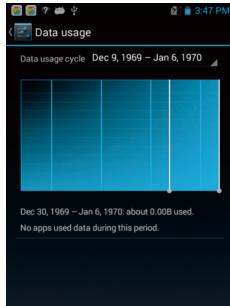
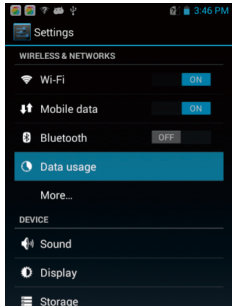
- Wifi (wireless internet access technology)

Slide the WIFI button from "OFF" to "ON" to switch on the WIFI. All available wifi will be displayed. Choose yours to connect, and if the wifi doesn't require password, connect directly. If required, enter the password and connect it. Wifi will be connect automatically if it was connected successfully before, and the information will be stored automatically. Once device connected with wifi success, there will be a icon  at the top of the screen.



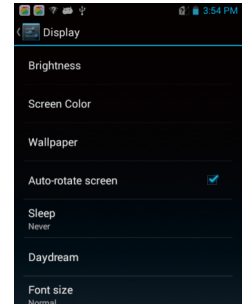
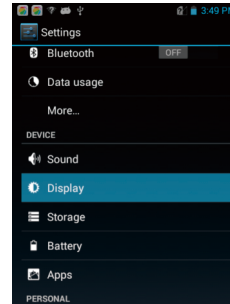
- **Mobile data**

Select "On/OFF" to set the limit of mobile data..



- **Display**

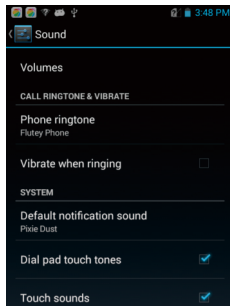
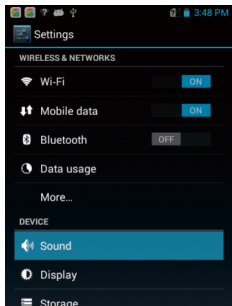
LCD Brightness, wallpaper, automatic rotating screen, sleeping, font size, gravity sensor coordinate system, screen adaption will be displayed.



3.3 Device management

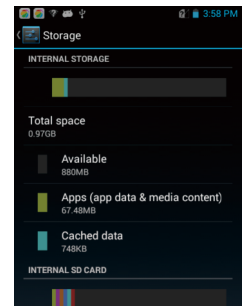
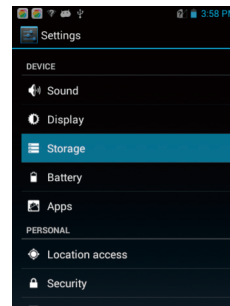
- **Sound**

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



- **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.

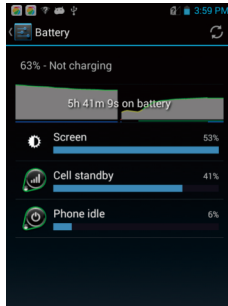
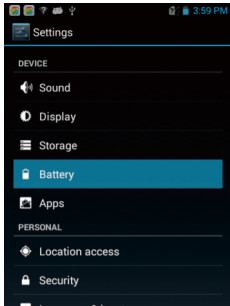


Notes:

- 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.

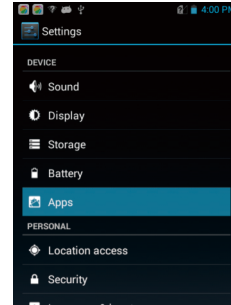
• **Battery**

Understanding battery consumption information.



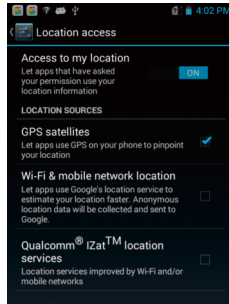
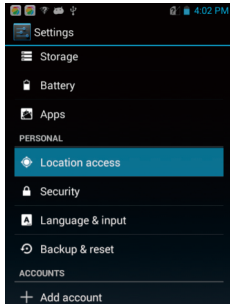
• **Application program**

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.



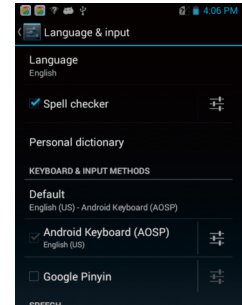
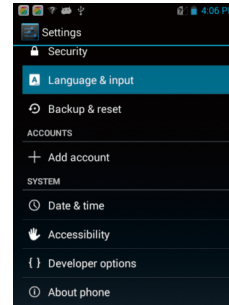
3.4 Personal information

- Position information service



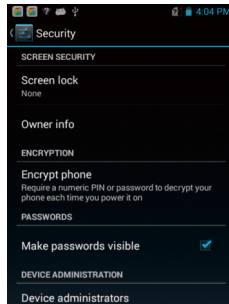
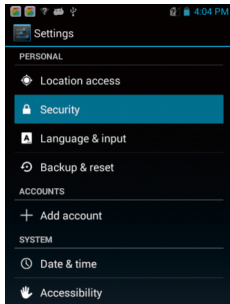
- Language and input method

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



- Safety

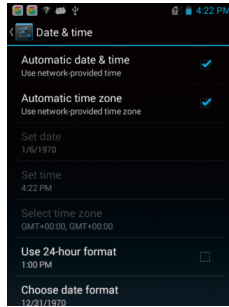
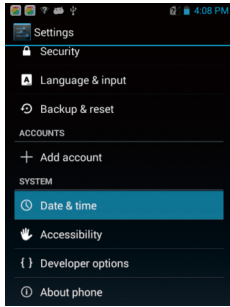
Set screen lock, user information, encipherment protection, device manager.



3.5 System information

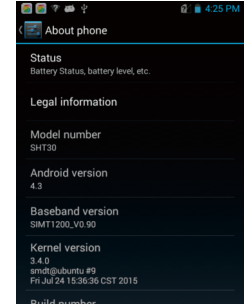
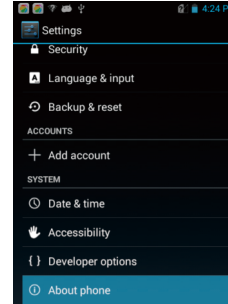
• Date and time

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.



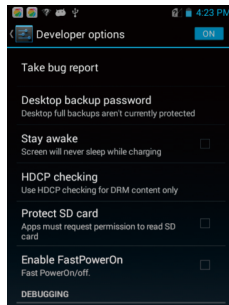
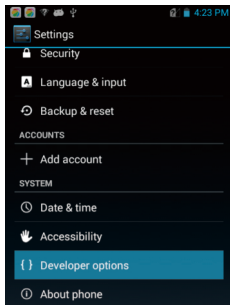
• About the terminal

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



• Developer options

Other information of hand-held terminal device.

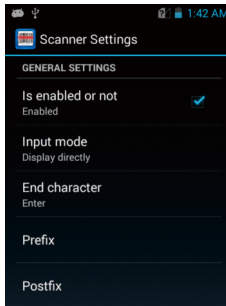


Chapter 4 Application Software

4.1 1D scan setting:



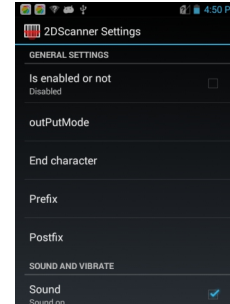
In this interface, you can make setting if the 1D scan head starts automatic setting when the device is powered on, and make settings for prefix, suffix, scan prompt tone, vibration prompt switch.



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.

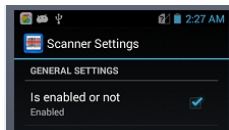
Chapter 5 FAQs

5.1 How to deal with “Device failed to connect internet” ?

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).

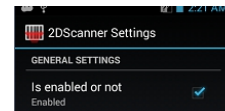
5.2 How to setting the device scan one-dimension code automatically after booting.

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



5.3 How to setting the device scan two-dimension code automatically after booting.

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.