



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

Contents

Copyright Statement	01
Chapter I Introduction to S65 Device	02
1.1 System overview	02
1.2 Applicable industries	02
1.3 Product parameters	03
Chapter II Introduction to Product Appearance	05
2.1 Appearance view	05
Chapter III System Setting	05
3.1 Terminal operation interface	05
3.2 Wireless network	06
3.3 Device Management	08
3.4 Personal information	11
3.5 System information	13
Chapter IV Application Software	16
4.1 Scanner	16
Chapter V Common Problems	17
5.1 How to deal with the issue of device can't connect to Internet?	17
5.2 How to make device scan 1D/2D barcode when you power on the device?	18
5.3 How to forbid pulling down status bar?	18
5.4 How to forbid using HOME key?	19
Chapter VI Precautions and Maintenance	19

Authorization statement

The information included in the document is to introduce the present condition of the product without the meaning of guarantee, including but not limited to any suggestibility or vendibility guarantee, or guarantee applicable to a special purpose, and the content is possible to be altered at any time, which shall not be noticed additionally.

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Greeting!

Thank you for your attention and support for the product.
Please read the user manual carefully before using the product for the convenience of playing the product function better. Please take the latest version as the basis due to the continuous upgrading of the equipment and system. The manual is for reference only.

Chapter I Introduction to S65 Device

1.1 System overview

S65 product is an industrial hand-held terminal independently researched and developed, designed and produced according to the industrial characteristics. Its appearance is adopt the ergonomic design, with the light, flexible, anti-vibration and anti-dropping features, as well as long standby time and stable operating system. S65 product is in accordance with IP65 industrial standards for water-proofing, dust-proofing, anti-dropping, anti-static and high & low temperature resistance design.

1.2 Applicable industries

It is mainly applicable for shoes and clothing, channel, logistics, drug supervision and other fields.

1.3 Product parameters

S65 Product Parameters Table

Performance parameters	
Operating system	Android5.1
Processor	8-core 1.3GHz
Memory	1G RAM+8G ROM/2G RAM+16G ROM

Physical parameters

Display screen	5.0" 1280 × 720 Capacitive Touch HD LCD
Battery	Demountable 3.8V 3800mAH polymer lithium battery (supportive RTC battery), with over 8 hours regular use time. Standby time >200 hours
Input method	English input, support install input application program
Dimensions	153.60mm (L) × 75.8mm (W) × 18.6mm (T)
Weight	280g (including standard battery)
Camera	Rear 13 million pixels, support flash lamp, automatic focusing and videoing
Keyboard	3 touch keys, 2 side keys for scanning, 2 volume keys and 1 power key
Power adapter	Input: AC 100-220V 50/60HZ; Output: DC 5.5V--2.5A
Way of notification	Speaker, indicator light and vibration
Audio	Loudspeaker, headphones, microphone (optional) and earphone (optional)
Interface	1 industrial TYPE-C USB interface, USB2.0, MicroSD/TF slot, SIM card slot and PSAM card slot

Environmental parameters

Temperature	-10°C ~ 50°C (working) -20°C ~ 70°C (storage)
Electrostatic	± 15kV air discharge, ± 8kV direct discharge
Relative humidity	5% ~ 95%RH
Protection grade	Ip65 industrial protection grade
Anti-dropping height	Bear the impact of dropping to smooth cement ground from the height of 1.5m for many times

Data communication parameters

WiFi	Dual-frequency WiFi, support IEEE 802.11 a/b/g/n, and support use WiFi and Bluetooth simultaneously.
Bluetooth	Bluetooth 4.0
WWAN	GSM/EDGE/GPR/CDMA/TD-SCDMA/WCDMA/CDMA2000/TD-LTE/FDD-LTE/FDD-LTE
GPS	High-accurate GPS, support A-GPS and BeiDou
NFC	13.56MHz, support ISO14443 A&B and ISO15693 protocols

Scanning parameters

1D/2D Barcodes	One-dimensional laser scan engine Two-dimensional image scan engine
	Straight head
	≥ 3 mil, distance: 3CM-70CM (depending on the density and type of barcode)
	Scanning times of fully-charged >25000 times
	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS etc; PDF417, MicroPDF417, Composite, RSS, TLC-39, Data matrix, QR code, Micro QR code, Aztec, Postal Codes: US PostNet; US Planet; UK Postal; Japan Postal Dutch Postal (KIX) etc

Others

Certification	CCC, RoHS, IP65, FCC and ISO9001
Standard accessories	Charger, lithium battery and USB cable

Chapter II Introduction to Product Appearance

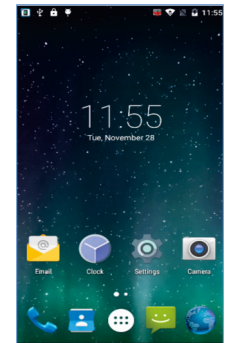
2.1 Appearance view





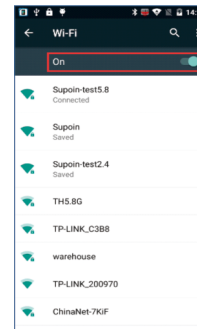
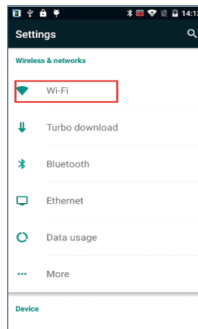
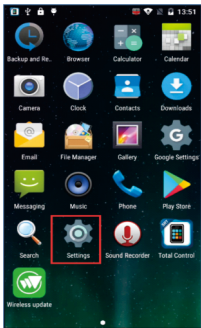
Chapter III System Setting

3.1 Terminal operation interface

3.1.1 After power on, enter the following main option interface.




3.1.2. Under the standby interface, click this icon  and select option  to enter into the system setting.




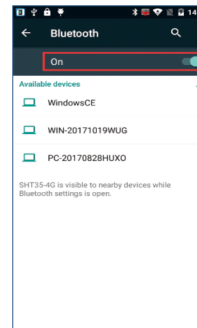
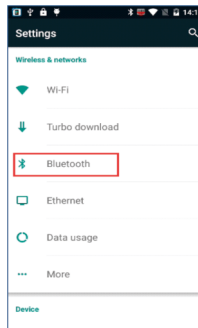
• Bluetooth

3.2 Wireless network

• Wi-Fi

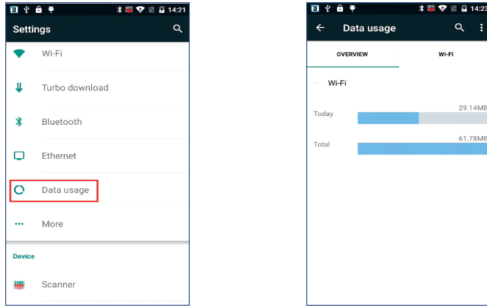
Click on the setting button and icon button  to open the wireless network, and all available wireless networks will display, then click on the wireless network you want to connected.

If the wireless network does not need password, click 'Connect' for starting connection; If the wireless network does need password, input password firstly and click 'Connect' for starting connection. If the wireless network has been successfully connected previously, the information would be stored, and the automatic connection would be realized. Once the device connect to the wireless network successfully, the wireless network icon  will display in the status bar on the top of the screen.



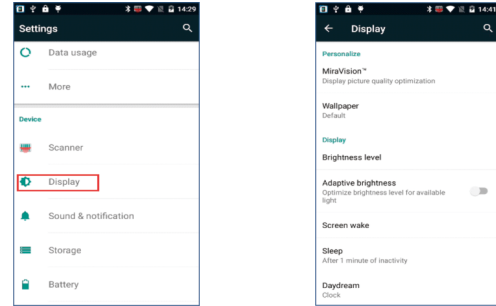
- Data Usage

Select to open/ close the mobile data, and set up limit of mobile data.



- Display

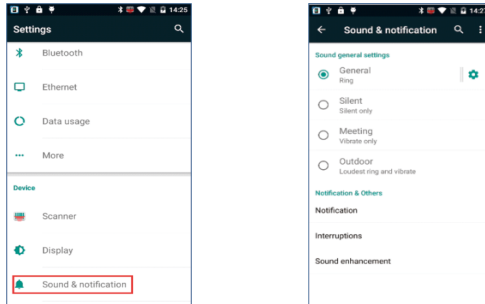
LCD brightness level, Wallpaper, Sleep mode and Font size.



3.3 Device Management

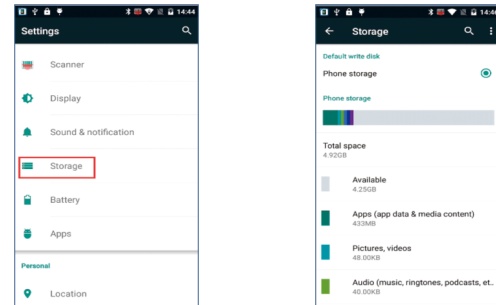
- Sound and Notification

For the settings of volume, ringtone and message, tick or not tick to select or cancel Vibration and Ring, Touch sounds, Screen lock sound and Vibrate on touch.

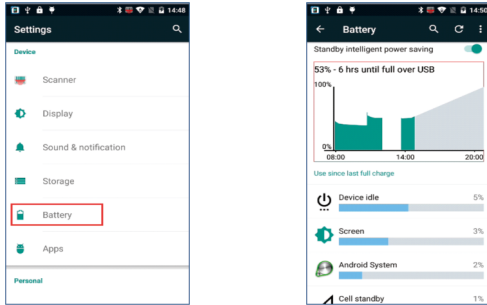


- Storage

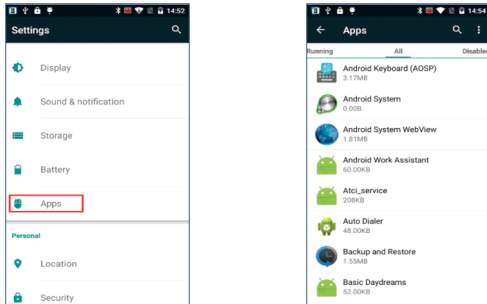
Check available storage space and clear the memory card (format internal memory), and select the options for media scanning for external memory card or external USB device.



- Battery
Display battery information.

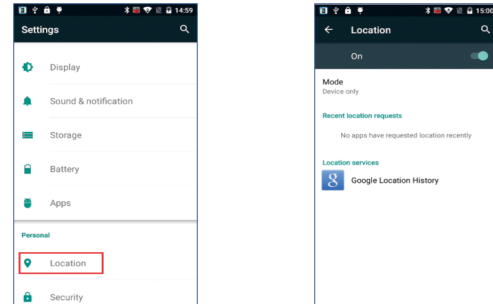


- Apps
Manage application program. Click on the catalog (downloaded, SD card, running or all) and select an application you want to uninstall, you will enter the following interface and then click 'uninstall' to remove the application from the hand-held terminal device.

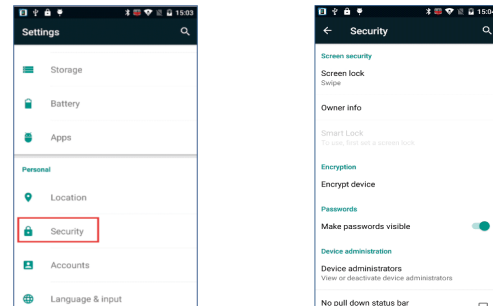


3.4 Personal information

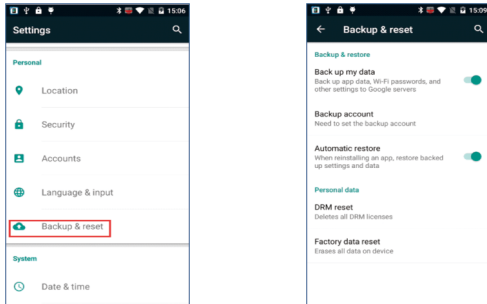
- Location



- Security
Set Screen lock, Owner info, Encryption and Device administrators.

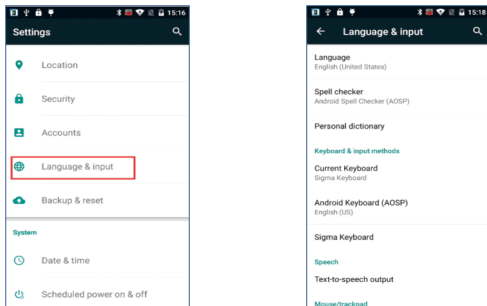


- Backup and Reset



- Language and Input

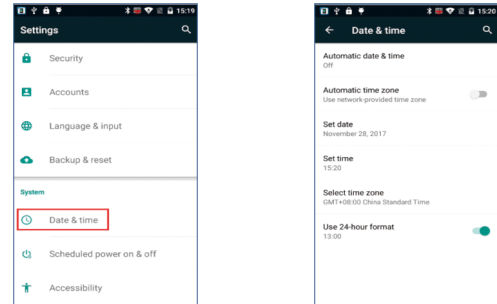
For the options of language selection, text input and automatic error correction. Select the keyboard and input method you like, and set the 'Text-to-speech output' .



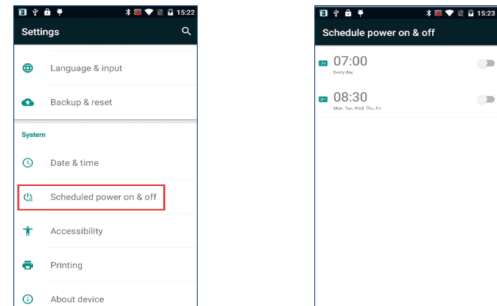
3.5 System information

- Data and Time

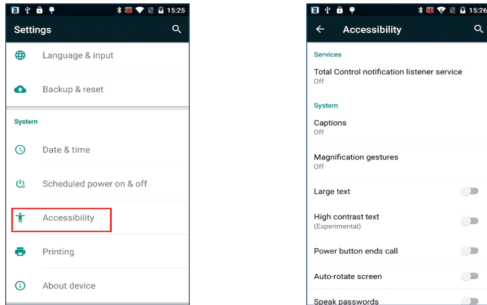
You can use the time or time zone offered by the network, or set the date and time manually, then select the time zone, or you also can select the display format of time and date.



- Scheduled power on /off

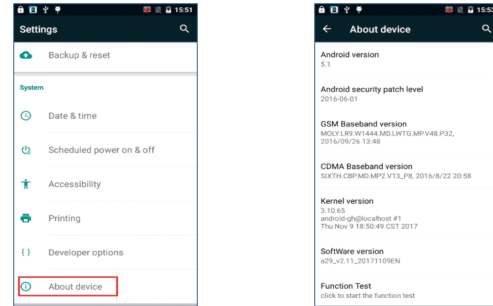


- Accessibility



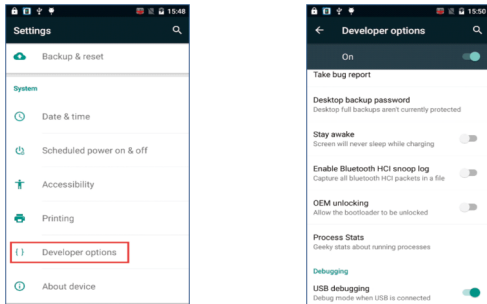
- About Device

Click on this option to acquire the relevant information of hand-held terminal device.



- Developer Options

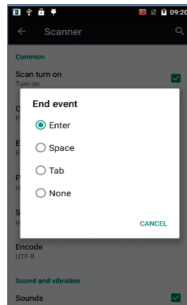
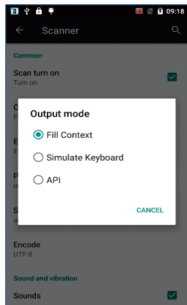
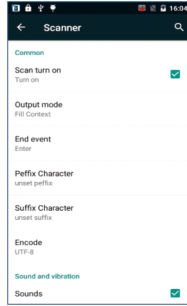
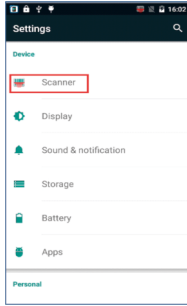
Some other information of hand-held terminal device.



Chapter IV Application Software

4.1 Scanner

Set 'Settings->Scanner' in the main operating interface.



Output Mode:


1. Fill Context: The scanned barcode data will display on the current cursor position, and it can output full-character barcode data information, including Chinese character barcode.
2. Simulate Keyboard: The scanned barcode data will display on the current cursor position, but don't output non-keyboard characters data, such as Chinese character barcode data information.
3. API: Get barcode data through program development interface.

Enter Event:

1. Enter : Add to 'Enter' in the scanning results to end the event.
2. Space : Add to 'Space' in the scanning results to end the event.
3. Tab: Add to 'Tab' in the scanning results to end the event.
4. None: Don't add any ending character in the scanning results.

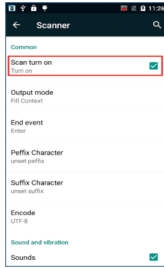
Chapter V Common Problems

5.1 How to deal with the issue of device can't connect to Internet?

1. Please detect whether there is a WIFI signal  identification at the top right corner.
2. Please detect whether the device is within the scope of network coverage and connected to the effective AP.
3. The WIFI connection setting interface, with the wireless network ->Wi-Fi (wireless internet).

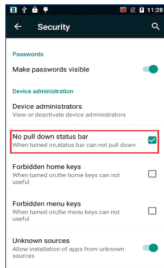
5.2 How to make device scan 1D/2D barcode when you power on the device?

1. Please check whether the automatic scanner of scanning function was enabled.
2. Ensure the following settings



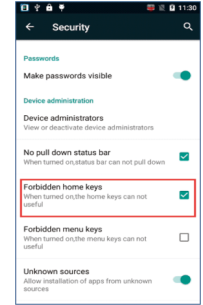
5.3 How to forbid pulling down status bar?

Choose option 'No pull down status bar' in 'Settings->Security'.



5.4 How to forbid using HOME key?

Tick option 'Forbidden home keys' in 'Settings->Security'.



Chapter VI Precautions and Maintenance

Please carefully use your device with the excellent design and technology. The following suggestions can help you use the warranty service effectively.

1. Please use the device according to this Manual, rather than trying to adopt other methods.
2. Keep the device dry, to prevent the circuit board from corrosion, causing the failure on power-on and other problems due to put the device in humid place for a long time
3. Keep the device clean and do not store it on the dust or dirty place for a long time. Thus, it may cause the failure of terminal on power-on or other problems.
4. Do not put the device on the overheating or over-cooling place for a long time
5. Do not forcefully knock or drop the device
6. Do not disassemble the device casually.

The correct usage method and maintenance of equipment can help you better make use of product performance. Among the problems reflected by many clients, most of them are caused due to the improper operation or inattention of maintenance. In case of any abnormal operation, it is suggest to read this Manual carefully or contact R&D personnel.