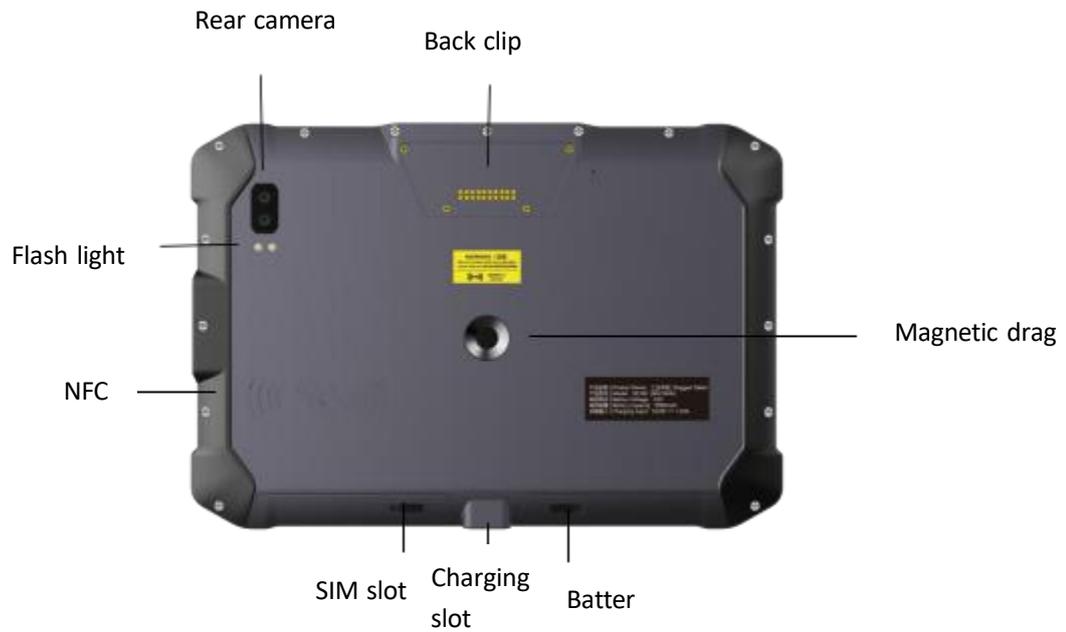


SD100

# Quick Start Guide



## Appearance



## Charging&Attention

- 1 Please use the supplied charger and USB (Type-C) cable. Otherwise, the fast charging mode cannot be enabled. Using a non-original charger and a USB charging cable may result in long charging time and repeated restarts, and affect the battery life.
- 2 It is recommended not to operate the devices while charging, and not to cover objects on the device and charger.
- 3 When the device is in low power, there will be an indicator light and a desktop pop-up reminder. Please charge as soon as possible to avoid affecting normal use.
- 4 Please ensure that the power is about 50% when store the equipment for a long time. Please place the equipment in a suitable environment with dry temperature to avoid equipment failure caused by long-term storage.
- 5 In case of damage to the battery, charging head and charging cable, please contact us in time to purchase, do not repair it yourself, so as to avoid danger and cause extra loss.

## SIM Card&SD Card

- 1 Please install Micro-SIM.
- 2 Slide the SIM card port to the unlocking direction and open the SIM card plug.
- 3 There are four card slots on the side,insert the corresponding card according



to the corresponding position in the picture.

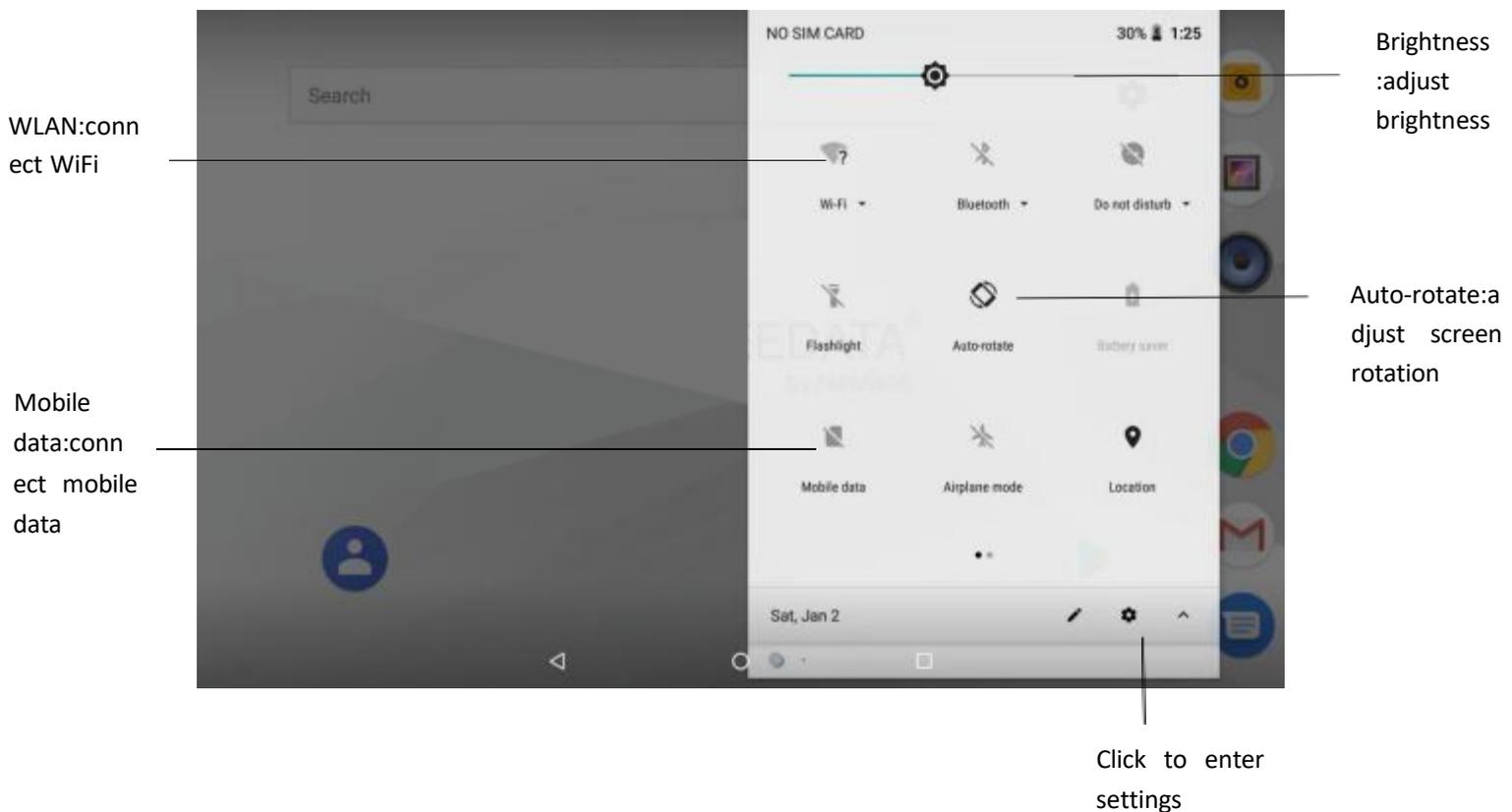
## Power on&Power off&Restart

- 1 When the device is powered off, press and hold the power button for 2 seconds.And the device will boot into the Android operating system. It takes a long time to initialize the device. Please wait patiently.
- 2 When the device is powered on, press and hold the power button for 2 seconds. The system will pop-up menu and display two options:"Power off", and "Restart". Choose "Power off"or "Restart".

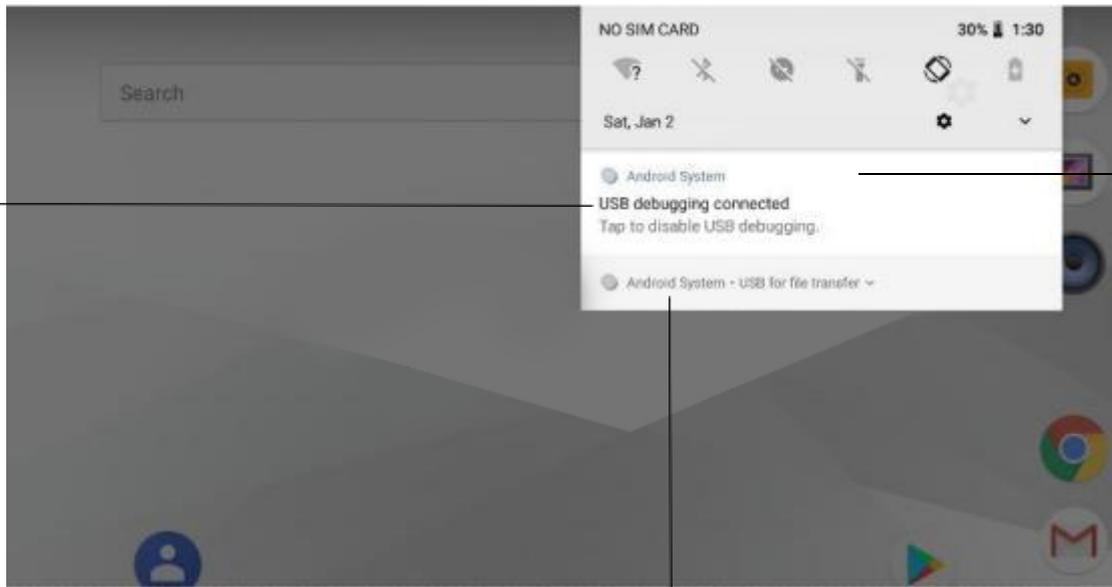
3 When the device is abnormal or unable to operate, press and hold the red power button for more than 15 seconds to force restart the device.

## Notification bar

Touch the top of the screen and swipe down to open the notification bar. You can click the shortcut function icons to turn on and off the corresponding functions such as WLAN, Bluetooth, etc. Unprocessed notification items can be double-tap to expand, touch to view, or swipe left and right to remove.

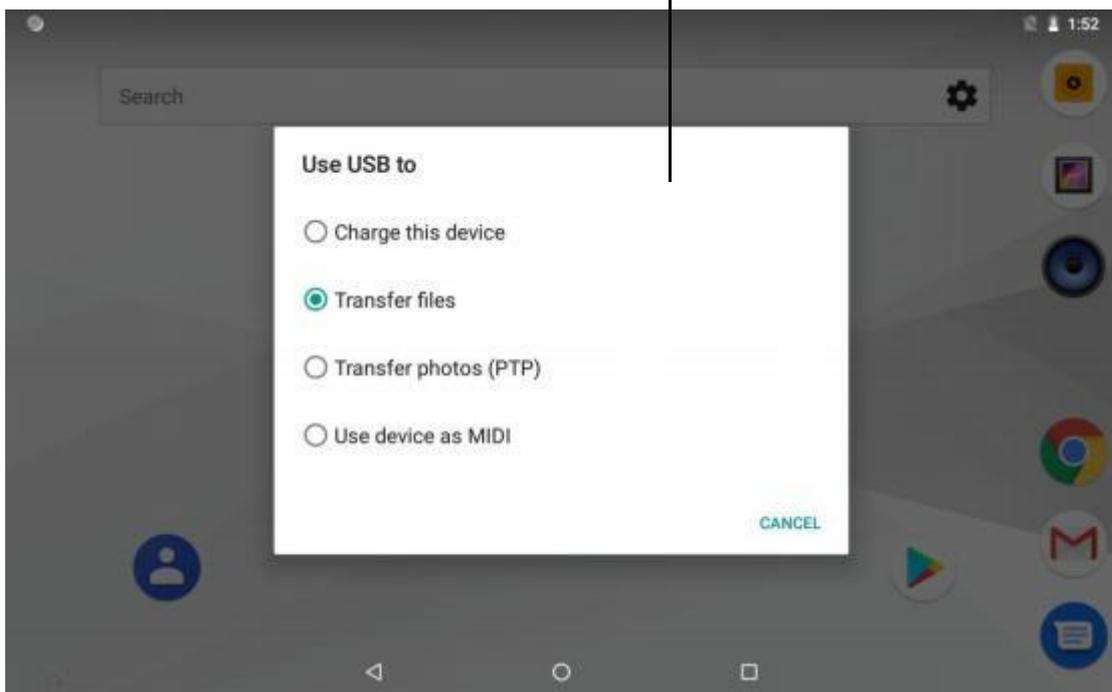


USB debugging connected:connect USB to enable USB debugging mode



Notification bar:double-tap to expand,touch to view,swipe left and right to remove

USB usage:Click to enter the USB usage selection interface, select the corresponding mode according to your needs



## WIFI & Network

### Connect to a Wi-Fi network

- 1 Swipe down from the status bar to open the notification panel.
- 2 Long press  to enter the WLAN settings interface.
- 3 Turn on the WLAN switch. The system will list the detected WLAN networks

in tabular form.

4 Click on the WLAN network to connect. If you have selected an encrypted network, you need to enter an access password connection.

## Connect mobile data networks

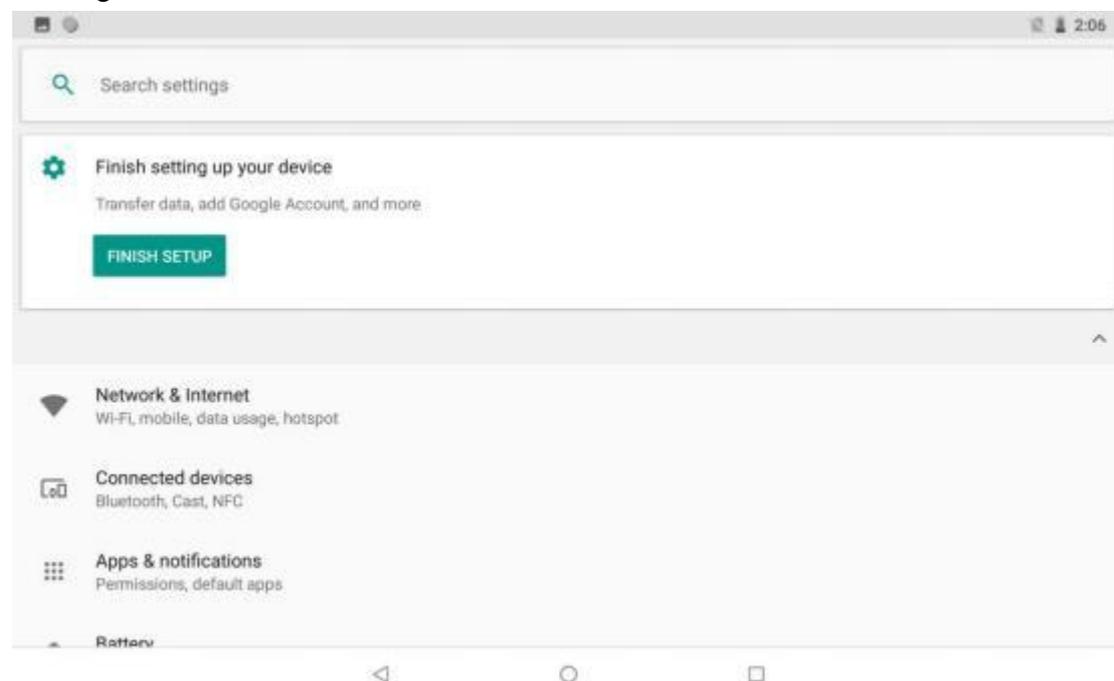
1 Swipe down from the status bar to open the notification panel.

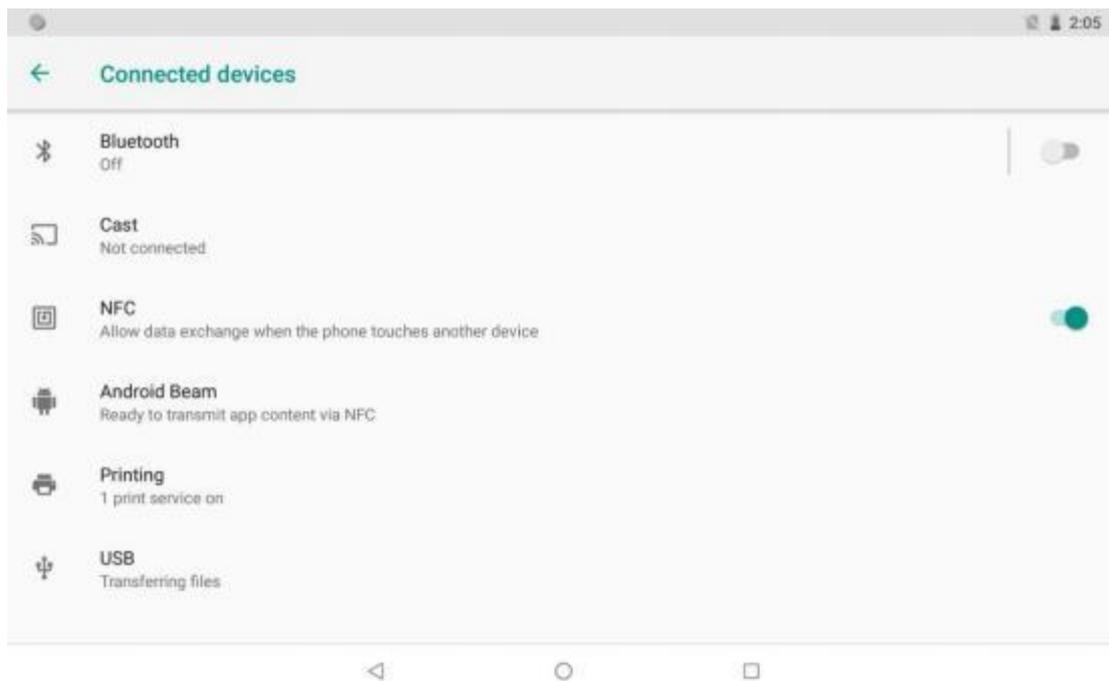
2 Click  to open mobile data network.

3 When you do not use a mobile network, please turn off the mobile data service in time to save data traffic and extend standby time.

## NFC

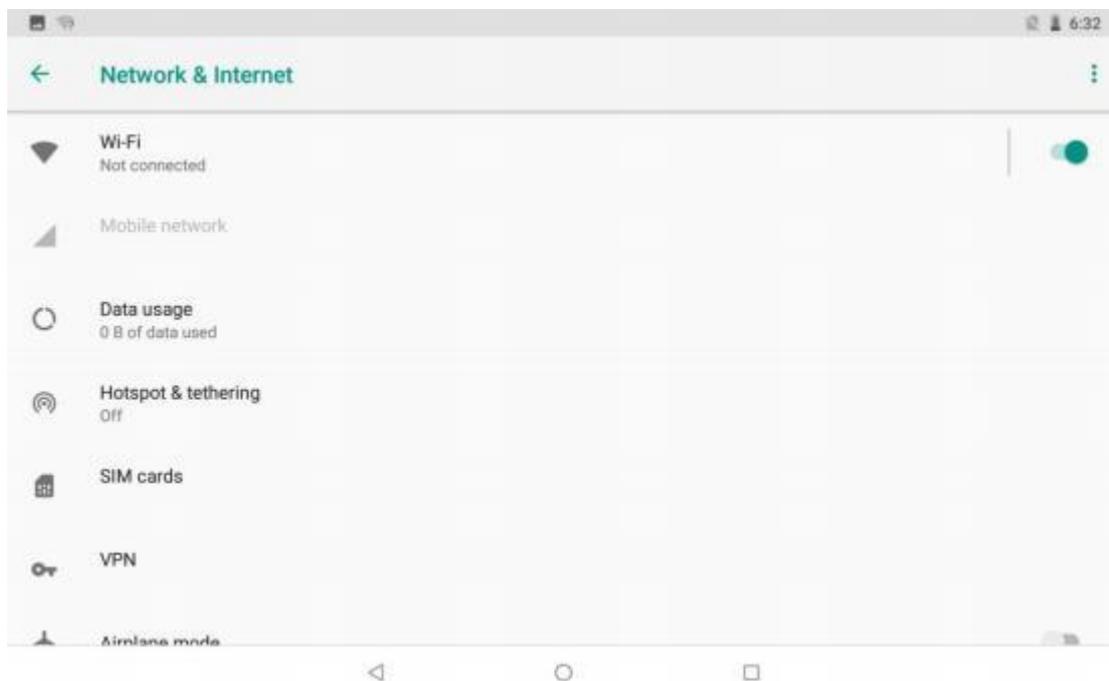
Settings->Connected devices->NFC,click to enable.

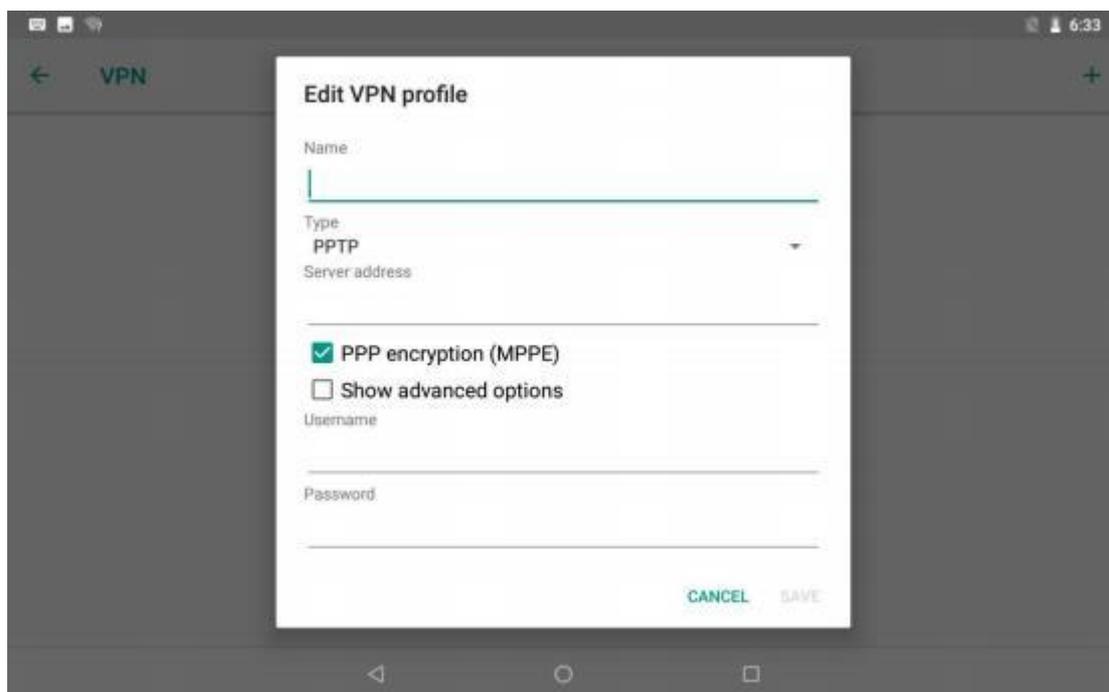
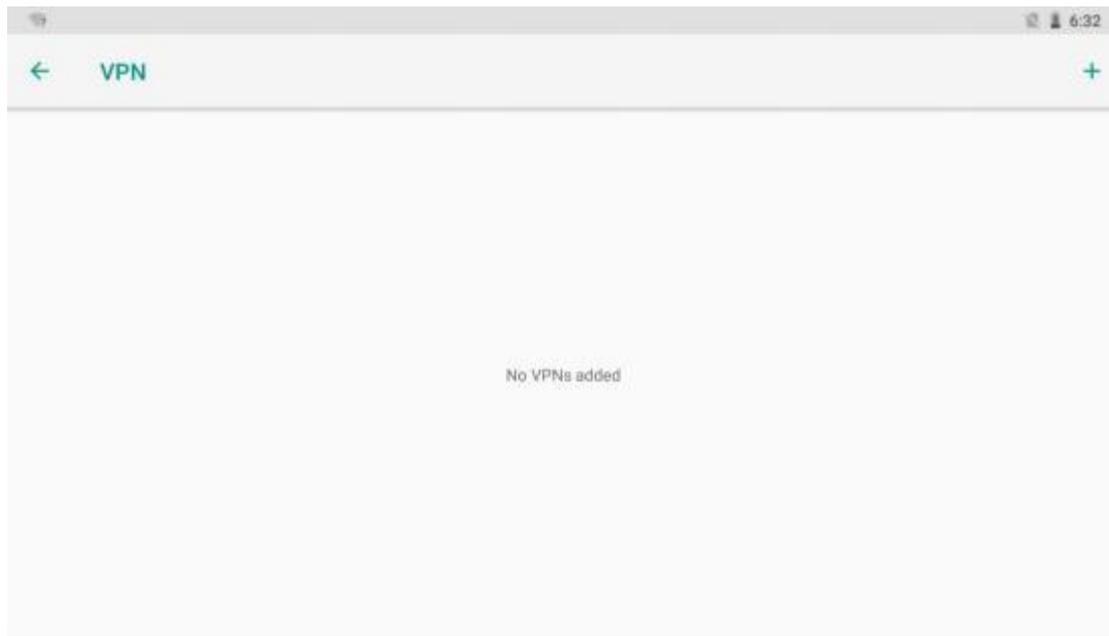




## APN

“Settings”->“Network&Internet”->“VPN” ,click the right upper corner”+”to enter the APN settings.After setting,click “save” to save the settings,then restart the device.





Note:If the Internet is still not available after setting the above parameters, please contact the IoT card supplier to confirm whether the card is available, and provide the corresponding card parameters for setting.

## Change default language

1 The default display language of the system is English. After the factory settings or firmware upgrade, the system display language is restored to English.

2 Click  Settings, Click System- > Languages & input- > Languages- > "+ Add a language", Select the language you want to add. Drag , drag the language you want to change to the top, and the change is complete.

## Barcode Scanning

### Basic Settings

Click "Settings"->"Scan" to enter the scan settings.

**Scan engine on/off:** Turn on / off the barcode scanning function.

**Out to Cursor:** Results of scanned barcode displayed at focus.

**Scan Sound:** After the barcode scanning is finished, the tone will sound.

**Scan Vibrate:** Vibration alert after barcode scanning.

**Save Image:** Save the barcode picture to album.





**Scan mode:**The device has a built-in three-minute scan mode. Select the fast scan mode you are used to. It needs to be turned on and off to enable the scan.

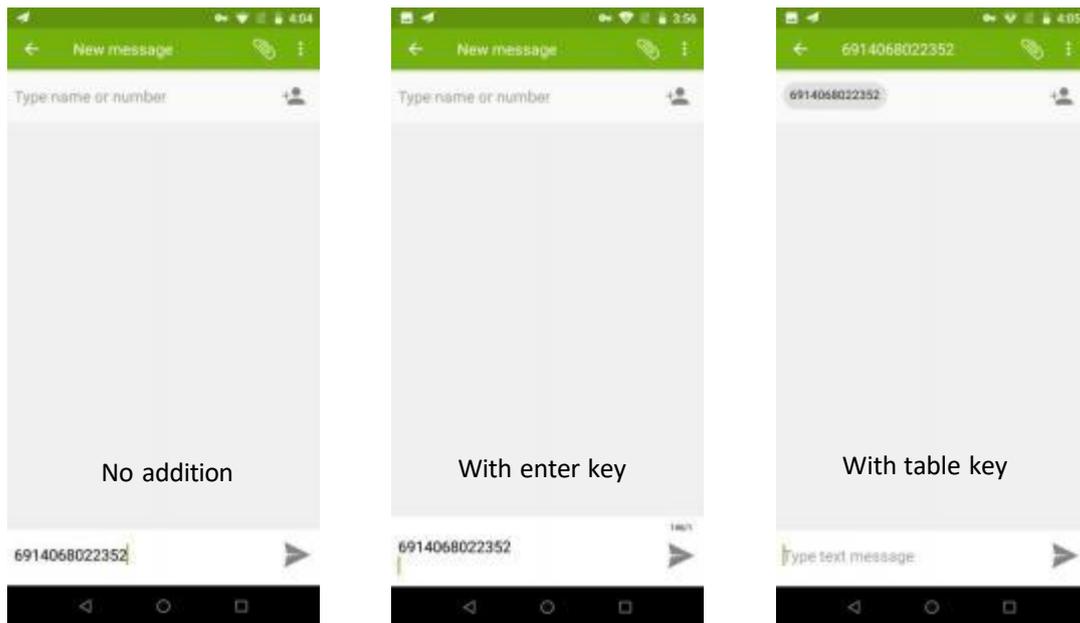
**A,Long-press continuous scan:** In this mode, press and hold the scan button to turn on the scan laser, release it to automatically turn off the scan laser, and if the barcode is successfully scanned when the scan button is pressed, the scan laser is turned on repeatedly.

**B,Single scan:** In this mode, press the scan button to turn on the scan laser. If a barcode is successfully scanned, the scan laser will automatically turn off. If no barcode is scanned within 10 seconds, the scan laser will automatically turn off, or press the scan button 1 second, the release laser is automatically turned off.

**C,One-click continuous scan:** In this mode, press the scan button to turn on the scanning laser. After the barcode is successfully scanned, the scanning light will not turn off, and continuous scanning will be excited. Press the scan button again to turn off the scanning laser.

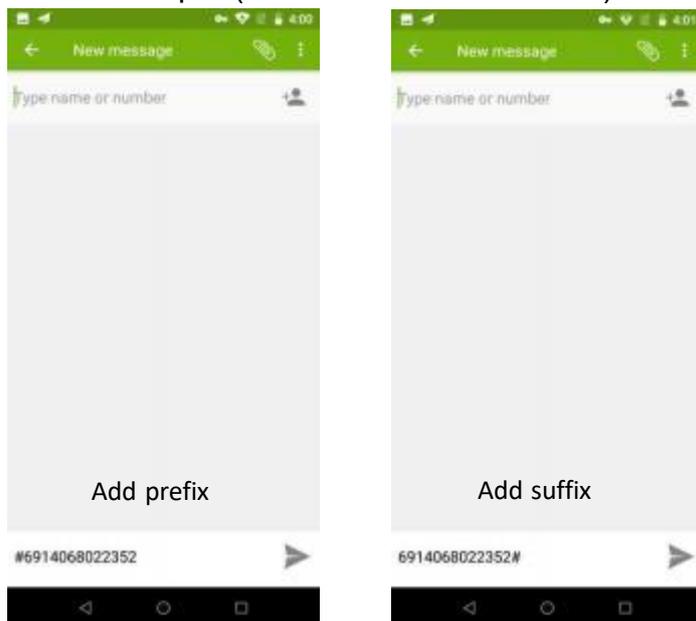
**Continuous Scan Internal:**Setting the continuous Scan Internal(ms).

**Attached key value:** Special keys are added after the barcode output, such as "Enter" and "Line Feed".

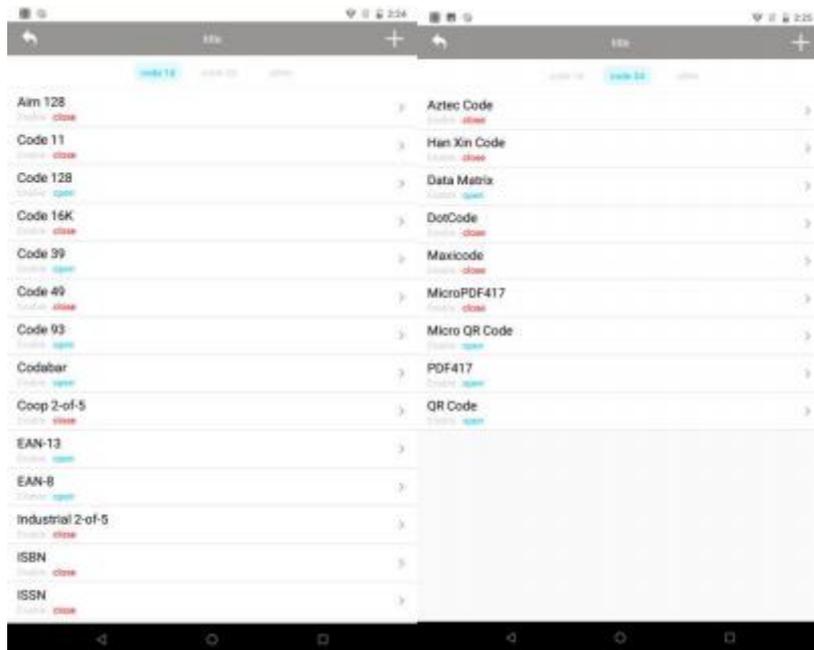


**Add custom prefix:** add custom characters, numbers, letters, etc. before the barcode output (add "#" for demonstration)

**Add a custom suffix:** add custom characters, numbers, letters, etc. after the barcode output (add "#" for demonstration)



**Code setting:** Configure the barcode parameters of one-dimensional and two-dimensional code.



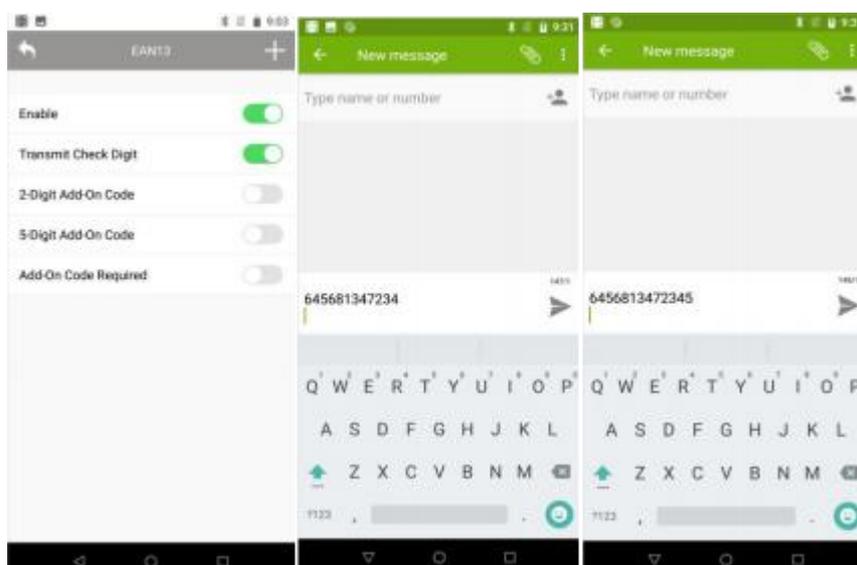
Choose code-1d-EAN-13-Enable

Such as the scan result after scanning "EAN-13" barcode, one less.

You can select "EAN-13" type, enable "Check transmit Digit", and scan later the results show normal.

Example1: EAN-13

Barcode: 6456813472345; When the "Check transmit Digit" not enabled, the result show 645681347234 ; and when the "Check transmit Digit" is enable, the result show 64566813472345 .



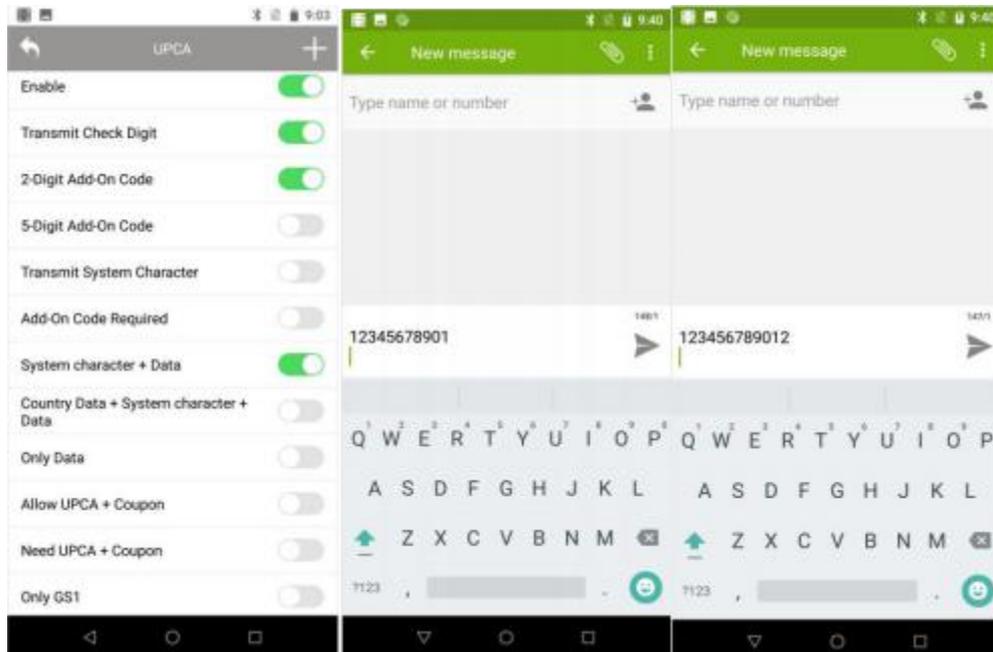
Choose code-1d-UPC-A-Enable

Such as the scan result after scanning "UPC-A" barcode, one less.

You can select "UPC-A" type, enable "Check transmit Digit", and scan later the results show normal.

### Example1:UPC-A

Barcode:123456789012;When the "Check transmit Digit"not enabled,the result show 12345678901,and when the "Check transmit Digit" is enable,the result show 123456789012.



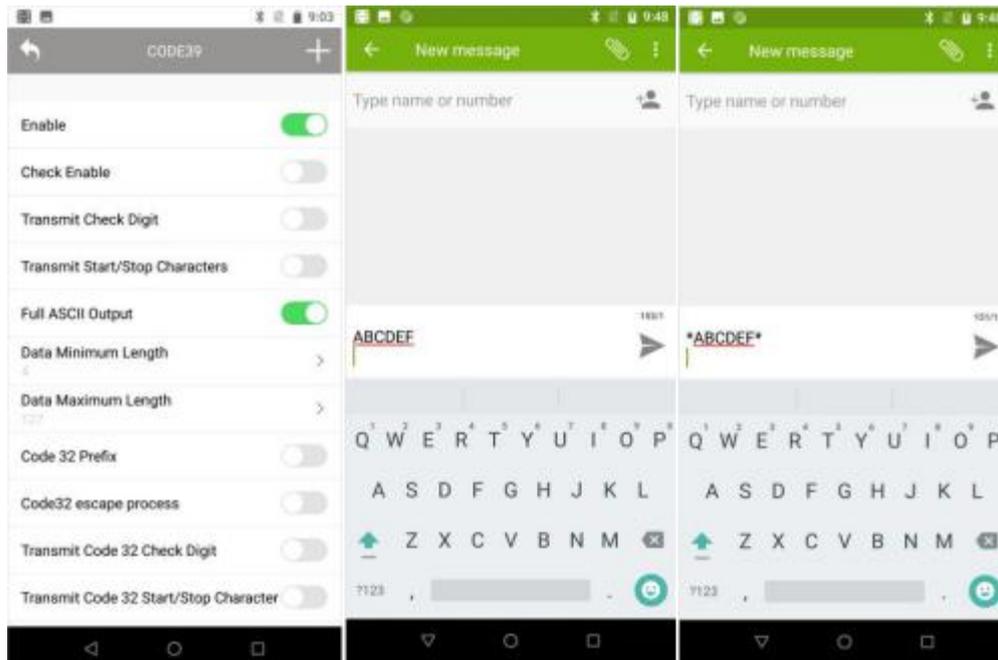
Choose code-1d-Code39-Enable

Such as the scan result after scanning "Code39" barcode, one less.

You can select "Code39" type, enable "Transmit Start/Stop Characters ", and scan later the results show normal.

### Example1:Code39

Barcode:ABCDEF;When the "Transmit Start/Stop Characters "is not enabled,the result show \*ABCDEF\*,and When the "Transmit Start/Stop Characters "is enabled,the result show ABCDEF.



### More settings

Click "Settings"->"Scan" to slide to the bottom, and click "More".

**Check update:**Show scan hand type.And can check update after connecting to the internet.

**Note:** "Check update"requires the scanning service version 5.1 or higher.

**Custom broadcast:action:**This is used to set a custom broadcast.

**Custom broadcast barcode:key:**This is used to set a custom broadcast content.

**Custom broadcast type:key:**This is used to set a custom broadcast type.

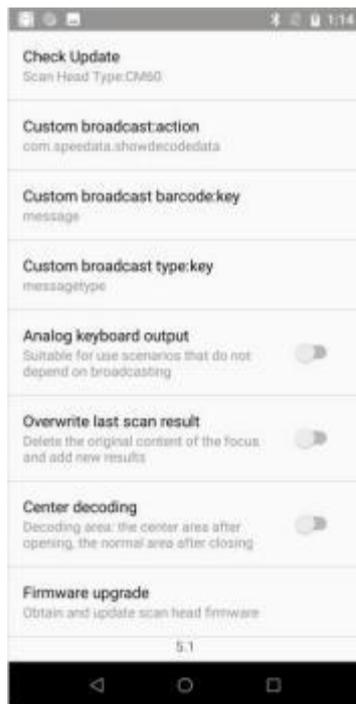
**Analog keyboard output:**Output analog keyboard.Cannot be used simultaneously with Output o cursor.

**Overwrite last scan result:**Delete thebarcode content of the original scan result and add the new barcode content of the scan result.

**Center decoding:**Decoding area:the center area after opening,the normal area after closing;That is ,when scanning dense barcode,the result of outputting barcode is at the center position of the laser.

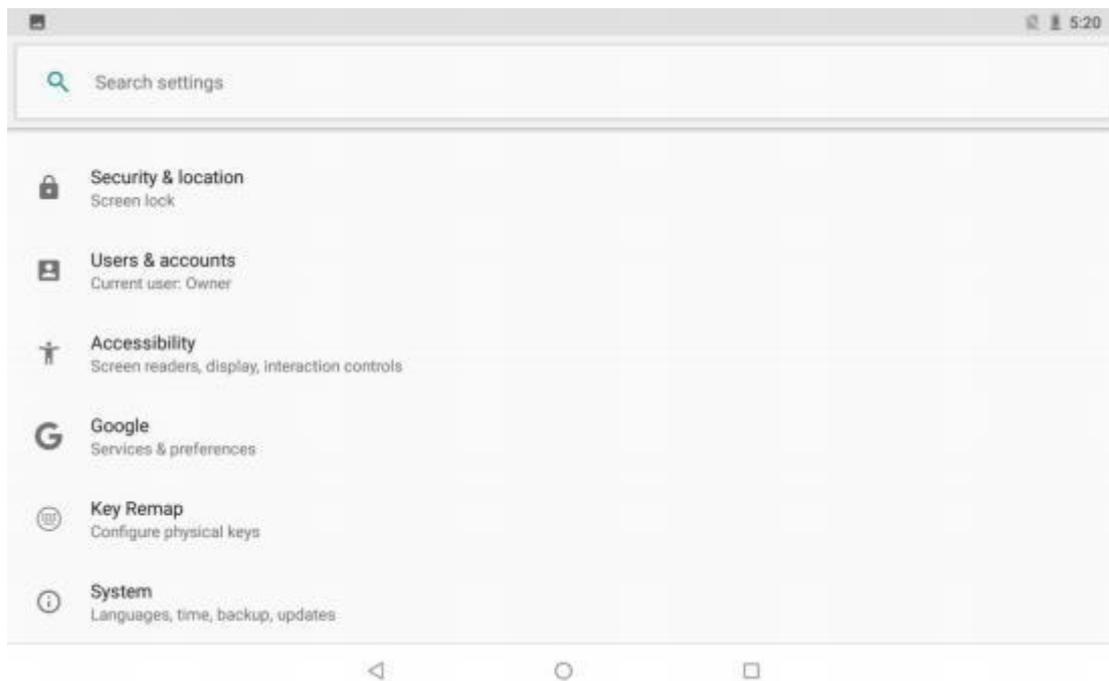
**Firmware update:**Obtain and update scan head firmware after connecting to the internet.

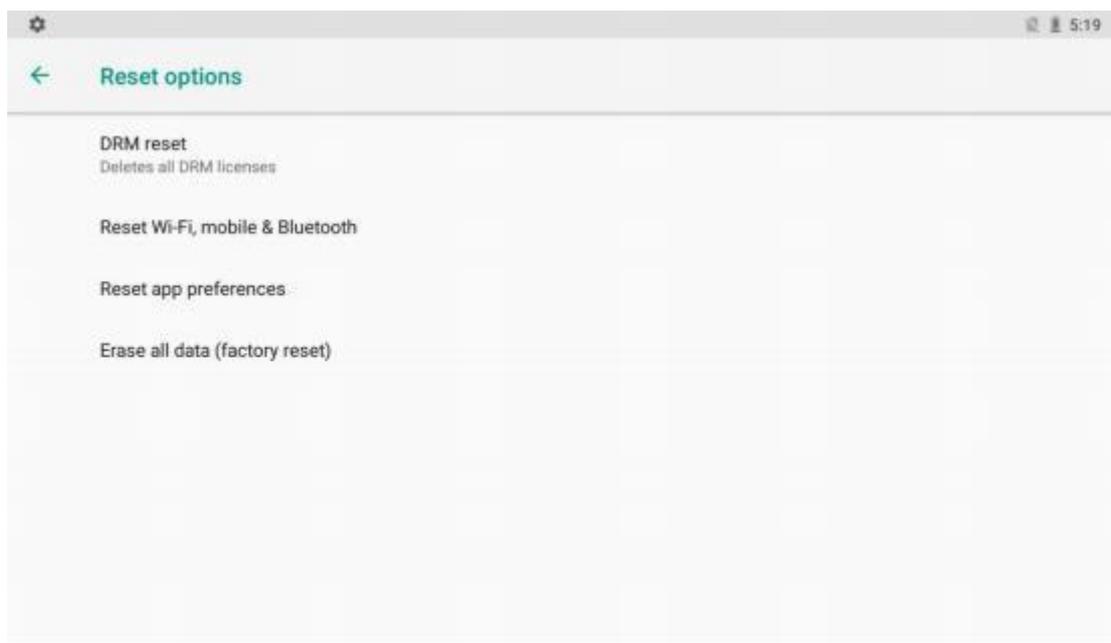
**Note:**please use "Firmware Update" under the guidance of the manufacturer. Do not try it yourself.

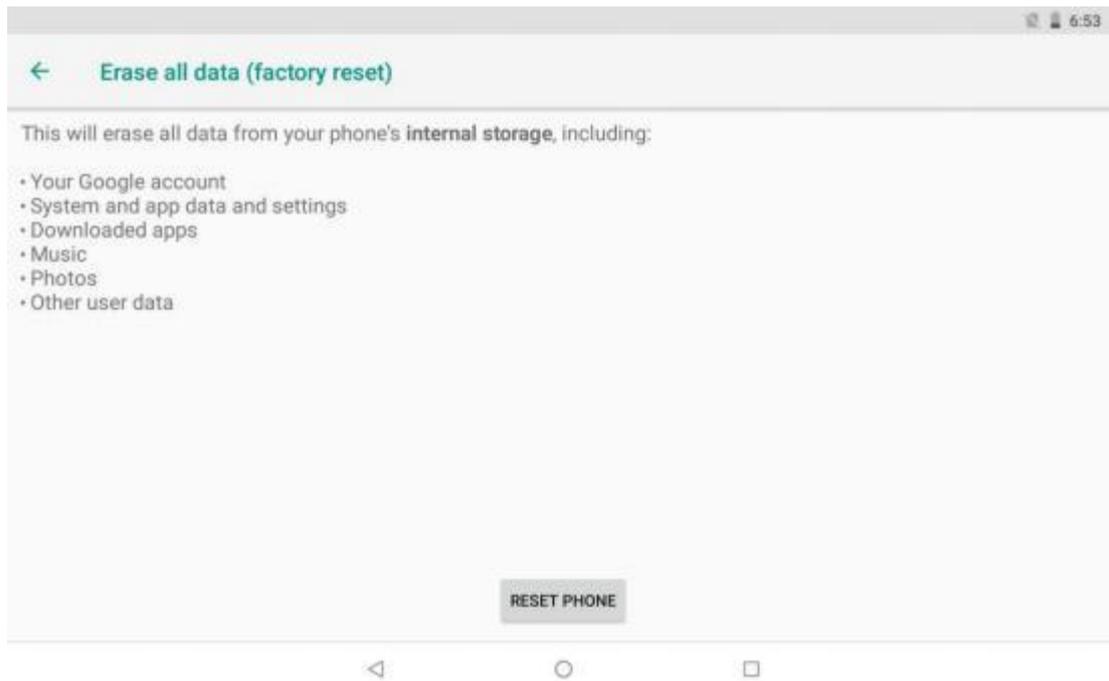


## Reset Options

Settings->System->Reset Options->Erace all data(factory reset)







## Development Support

For secondary development, please refer to the SDK support package attached with the document or contact us.

## Product Parameter

<b>OS</b>	Android 8.1
<b>CPU</b>	Octa-core 2.0G
<b>RAM</b>	4GB
<b>ROM</b>	64GB
<b>Camera</b>	Front 5MP fixed focus camera, rear 13MP auto focus camera, LED flash
<b>Display</b>	10.1inch, IPS High brightness screen
<b>Resolution</b>	1200*1920
<b>Touch Screen</b>	5-point capacitance touch screen
<b>Dimensions</b>	254mm*176mm*17.4mm
<b>Weight</b>	800g
<b>Battery</b>	3.8V 9000mAh
<b>Charging</b>	USB TYPE-C interface fast charging 5V 9V1.5A
<b>Bluetooth</b>	BT4.1 BLE
<b>Wi-Fi</b>	IEEE 802.11 a/b/g/n 2.4G 5G 双频

<b>WWAN</b>	FDD-LTE: B1/B3/B5/B7/B8 TDD-LTE: B38/B39/B40/B41 TDSCDMA: B34/B39 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8 CDMA: 1x/CDMA2000 BC0/BC1
<b>GPS</b>	GPS+BD+GLONASS
<b>Audio</b>	Front dual stereo speakers, volume 90db±3db (test distance 10cm)
<b>Expansion Card Slot</b>	Expandable up to 128G
<b>External Interface</b>	20Pin Pogo expansion interface, can be used to expand ID card module, fingerprint module, etc. 6Pin Pogo interface, used to connect charging base.
<b>Keyboard</b>	12 physical buttons
<b>Notification</b>	Audio, Vibration, LED prompt
<b>Operate Temperature</b>	-20°C~55°C
<b>Storage Temperature</b>	-30°C~70°C
<b>Humidity</b>	5%~95%
<b>Dustproof and waterproof</b>	IP65
<b>Protection</b>	4 corners and 6 sides can withstand the impact of 2 rounds of 1.1m drop to the concrete floor 100 times 0.5m roller test
<b>Sensor</b>	Gravity acceleration sensor, geomagnetic sensor, light sensor and distance sensor
<b>ESD protection</b>	±16kV air discharge, ±8kV contact discharge
<b>Certification</b>	CCC、CE、FCC、BIS
<b>RFID (High frequency)</b>	Support protocol: ISO14443A/B, ISO15693. NFC reading distance: 0-5cm

<b>Barcode</b>	AZTEC、CODABAR、CODE11、CODE128、EAN128、CODE39、CODE49、CODE93、COMPOSITE、
<b>(One-dimension</b>	DATAMATRIX、EAN8、EAN13、INT25、MAXICODE、MICROPDF、PDF417、POSTNET、OCR、
<b>al 、</b>	QR、RSS、UPCA、UPCE、ISBT、BPO、CANPOST、AUSPOST、IATA25、CODABLOCK、JAPOST、
<b>Two-dimensional</b>	PLANET、DUTCHPOST、MIS、TLC39、TRIOPTIC、CODE32、STRT25
<b>code)</b>	

## Packing List

### Host:

Host (Including Battery)	SD100T	*1
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### Standard

#### Accessories:

USB Cable	USB TYPE-C Data Cable, 1m	*1
Wristband	Magnetic support wristband	*1
Power adapter		*1
Hydraulic film		*1
User Guide		*1
Certificate of conformity		*1
Warranty		*1

### Optional

#### Accessories:

Single charger	Support fast charging	Optional
ID Card module	Expansion module	Optional

## FAQ

Q:Device key cannot scanned?

A:Click "settings"->"Scan",confirm"enable Scan"is enabled.

Q:The screen barcode of the mobile phone or computer cannot be scanned?

A:Please adjust the screen brightness to the maximum,you can check the payment code page will automatically brighten.

Q:Use IoT card, there is signal but can't access the Internet.

A:You need to set the APN parameters first if you are using the IoT card.And if the Internet is still not available after setting the above parameters, please contact the IoT card supplier to confirm whether the card is available, and provide the corresponding card parameters for setting.

## CONTACT US

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