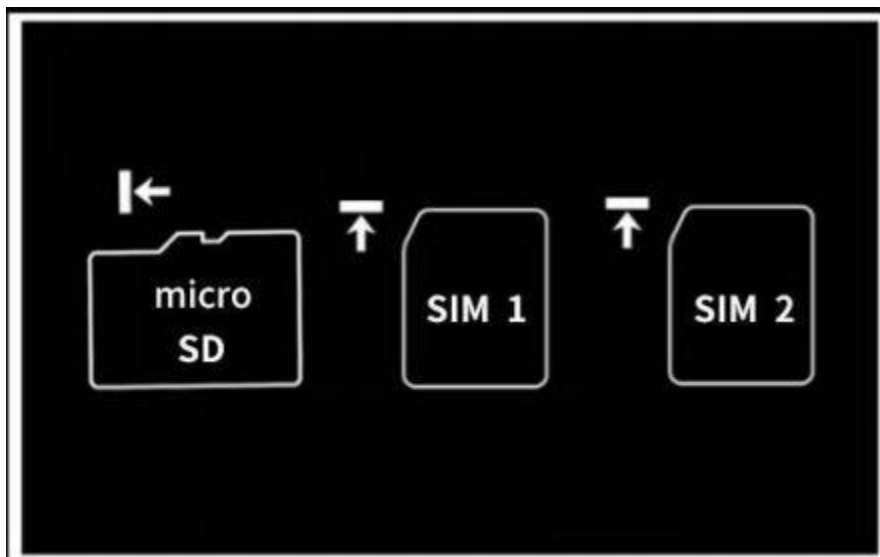# SD60PRT

Quick Start Guide

J-COM®
by SPEEDATA

Appearance

SIM Card

1 Both SIM cards use standard Nano-SIM cards. Please use professional equipment to open the SIM card warehouse, so as not to damage the equipment and affect the protection performance.

2 When the SIM1 card is placed, the SIM1 card is placed horizontally in the upper right corner of the second layer of the slot, which is flat with the slot, and the SIM1 card is successfully placed.

3 When the SIM2 card is placed, the SIM2 card is placed horizontally in the upper left corner of the first layer of the slot, which is flat with the slot, and the SIM2 card is successfully placed.

4 Memory card slot, maximum expandable 128G memory card.

5 Double PSAM Intelligent Encryption Card.

WIFI & Network

Connect to a Wi-Fi network

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

2 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.

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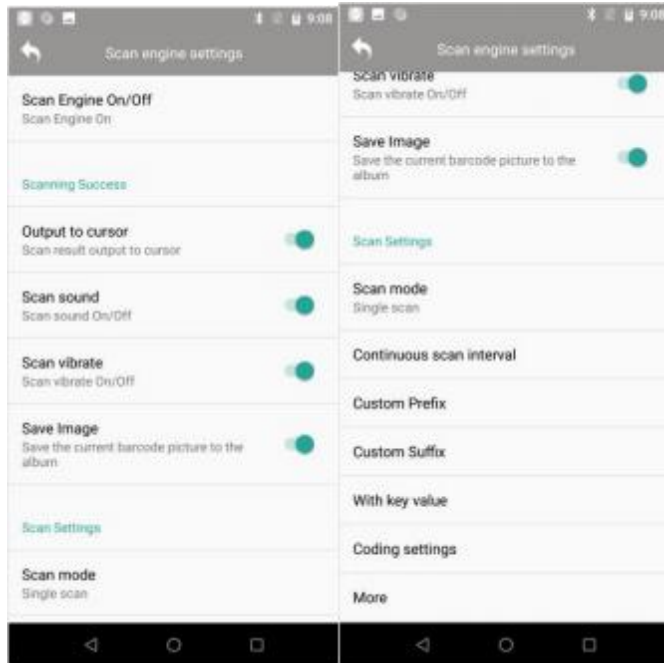
Click "Settings"-"Scan" to enter the scan settings.

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".
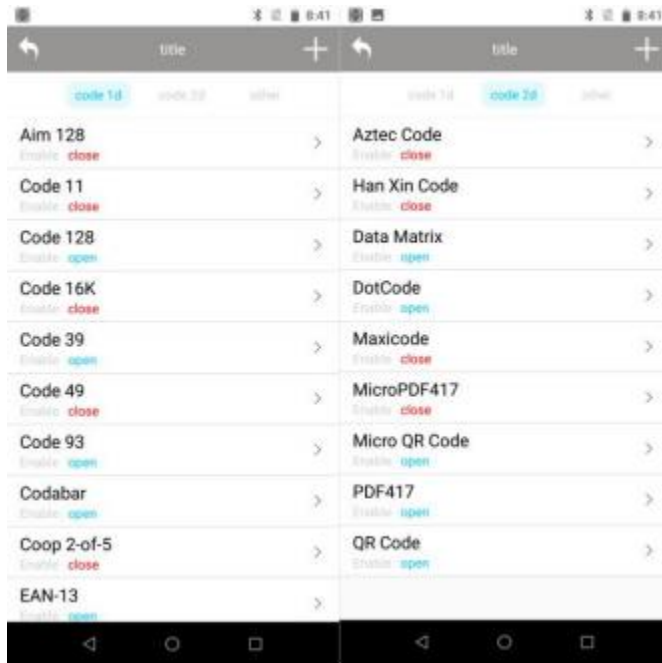

No

With enter

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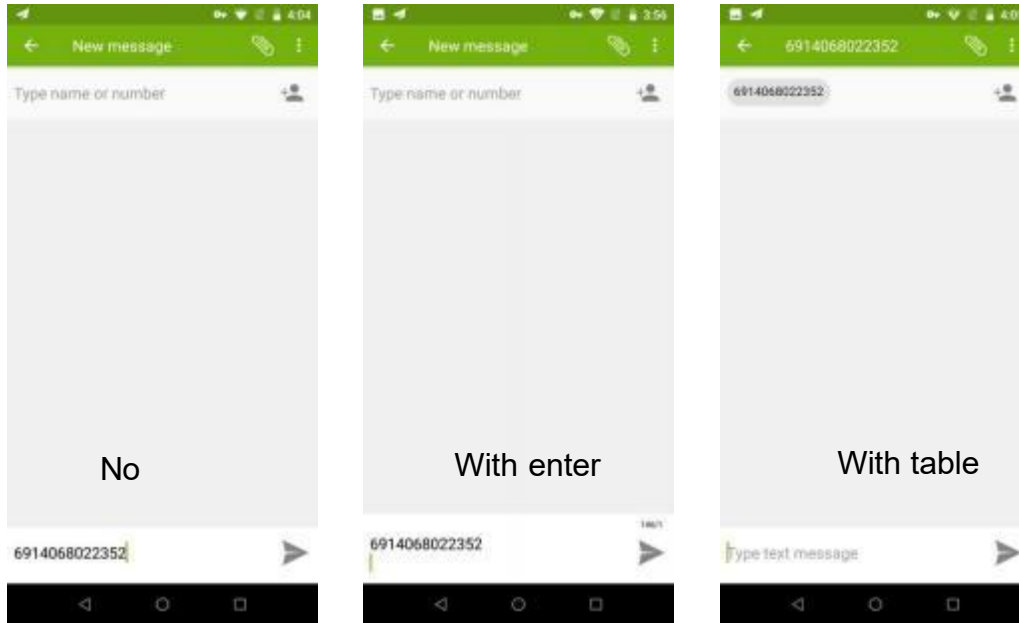
Add custom prefix: add custom characters, numbers, letters, etc. before the barcode output (add "#" for demonstration)

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

Add

Add
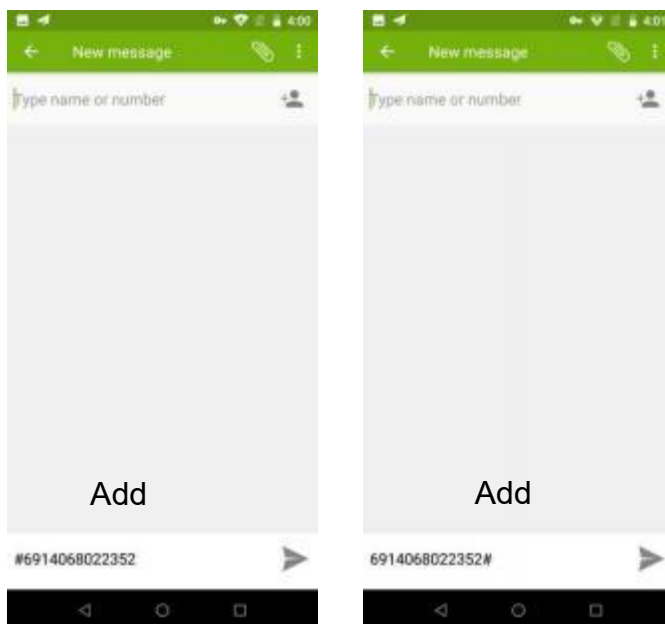
Code setting:Configure the barcode parameters of one-dimensional and two-dimensional code.
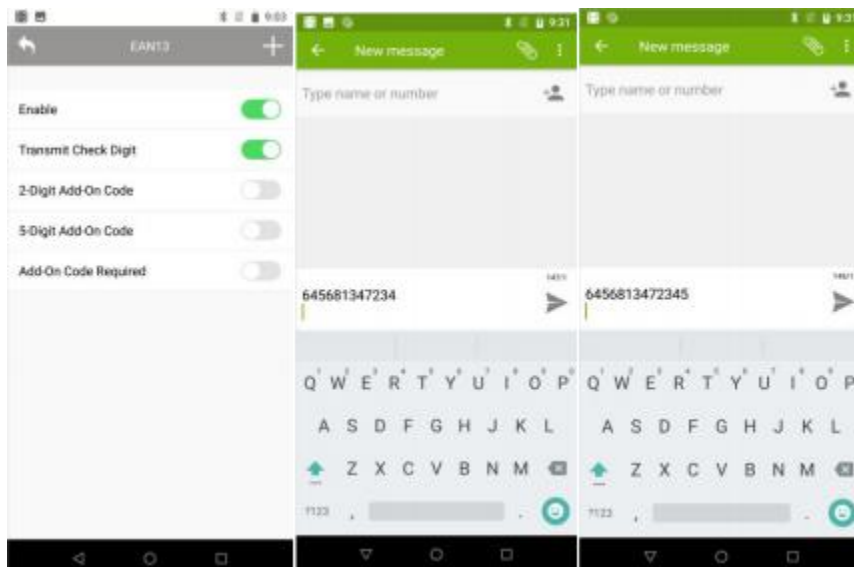
Choose code-1d-EAN-13-Enable

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 .
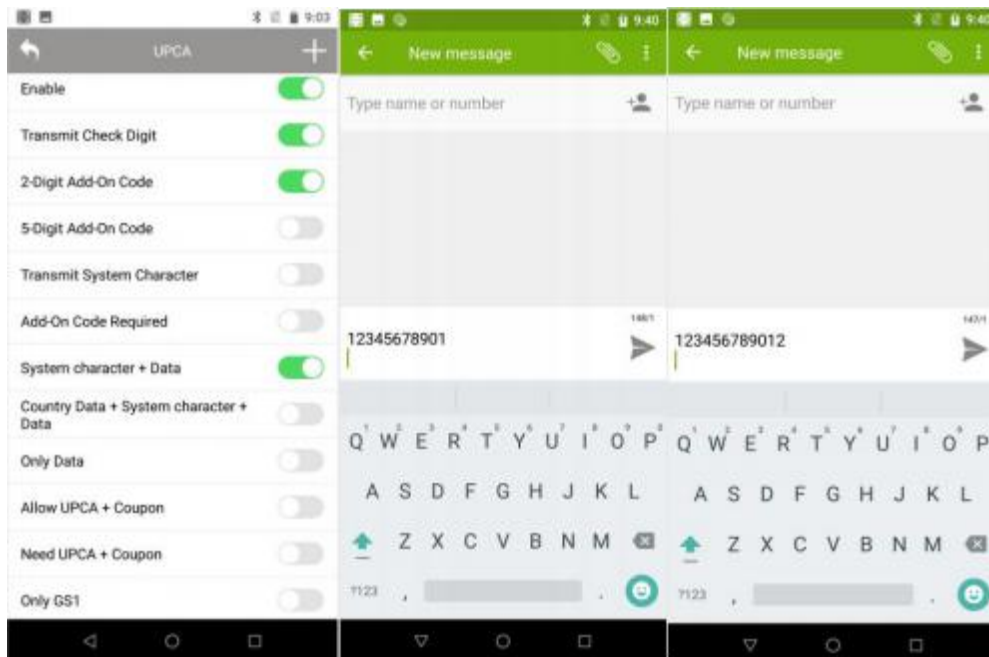

Choose code-1d-UPC-A-Enable

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.
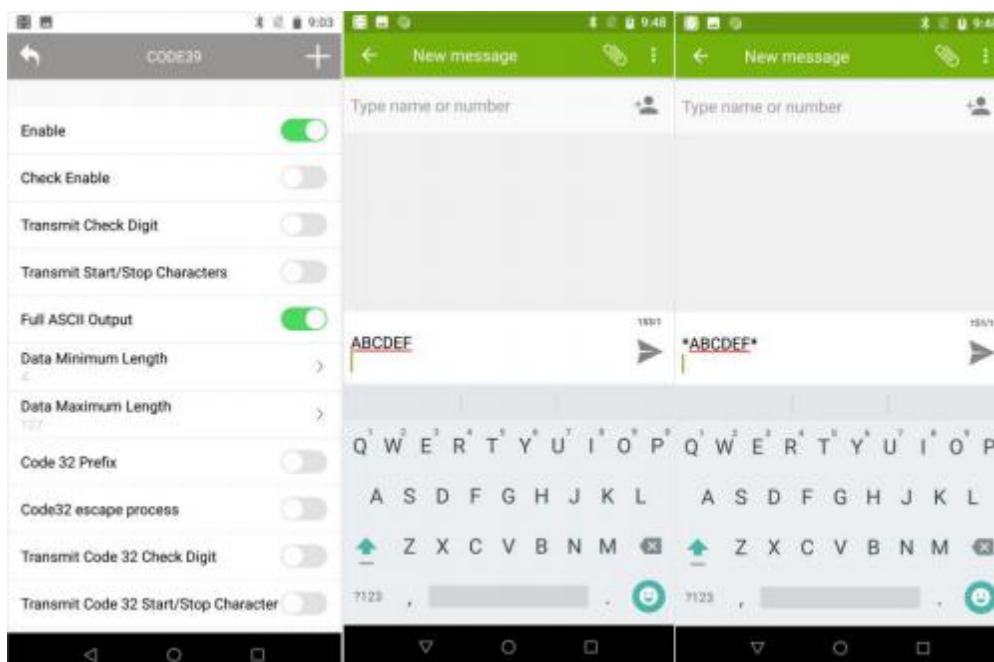
More settings

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.
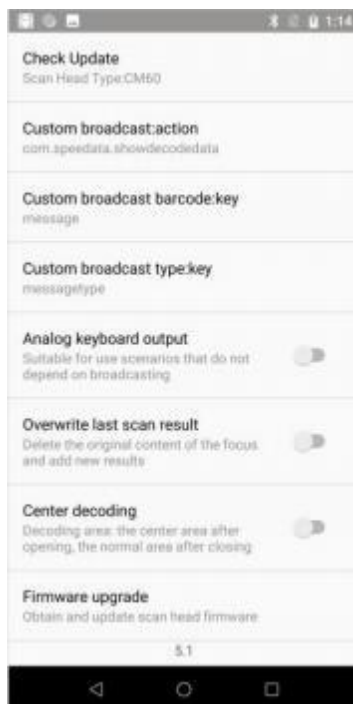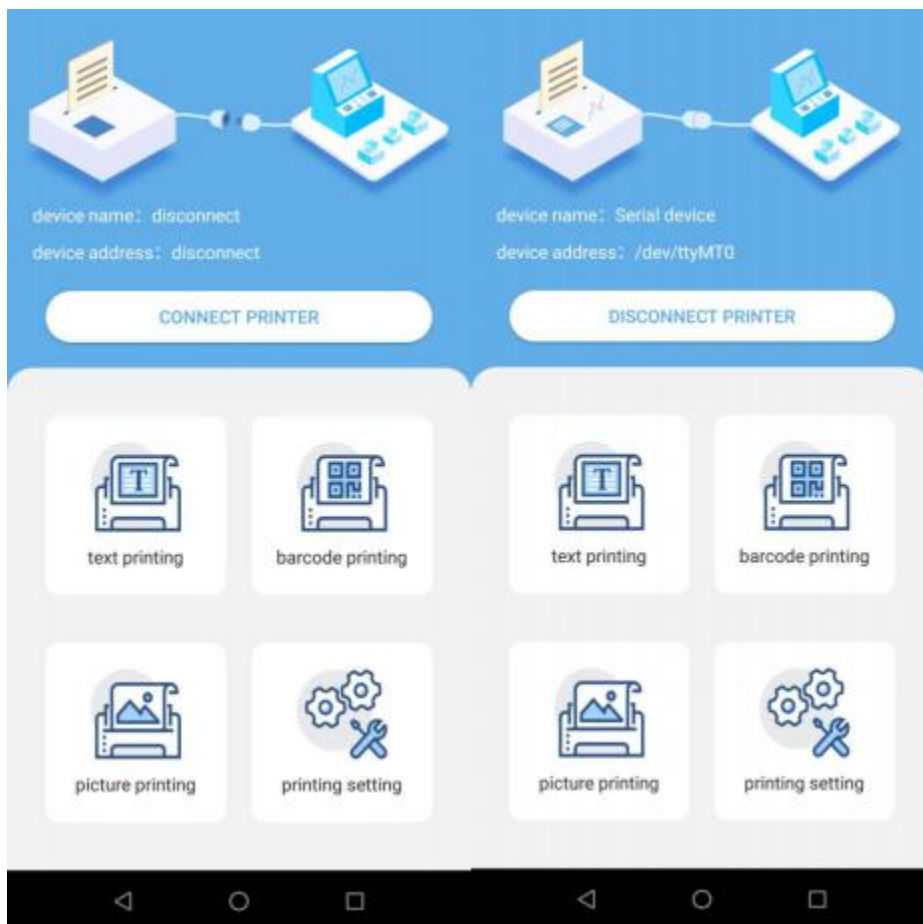
Printer Settings

Basic setting

Swipe up on the home screen,and find"JXPrintDemo"iron ,click to enter the application interface.

Note:The "JXPrintDemo"is installed by default on the device.If you cannot find the relevant application,please contact technical support.
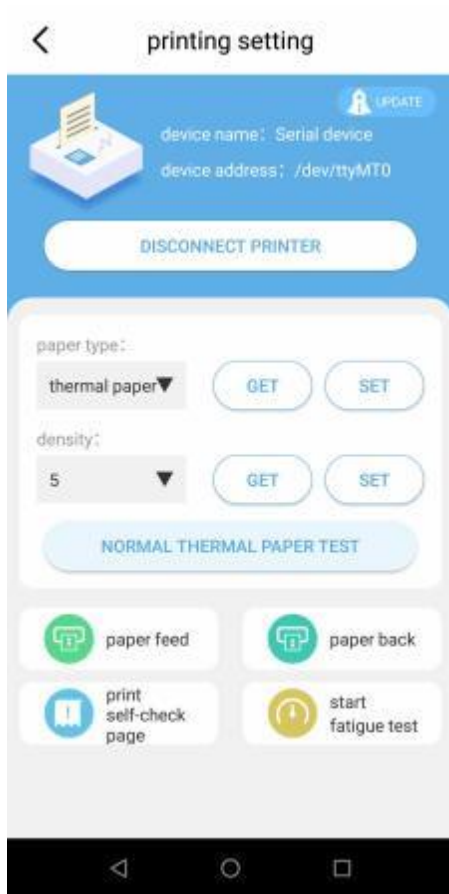
Connect Printer

Click "CONNECT PRINTER"on the main interface to start printing;You can click "DISCONNECT PRINTER"on the main interface to stop printing.
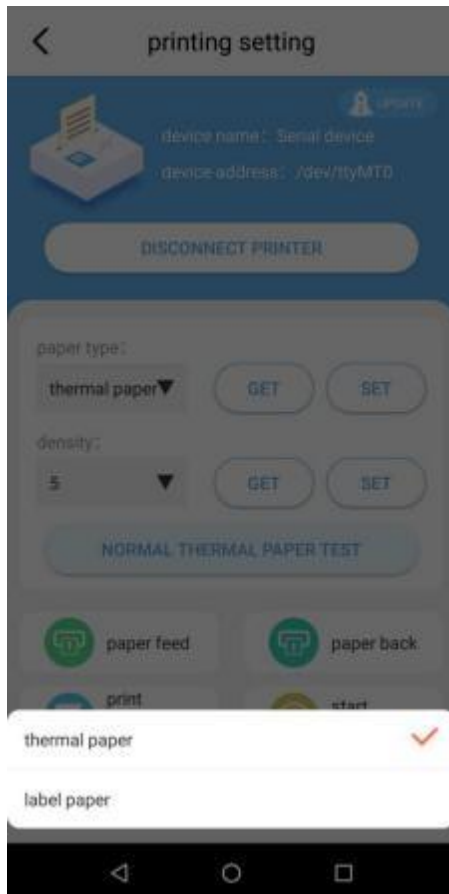

Printing setting

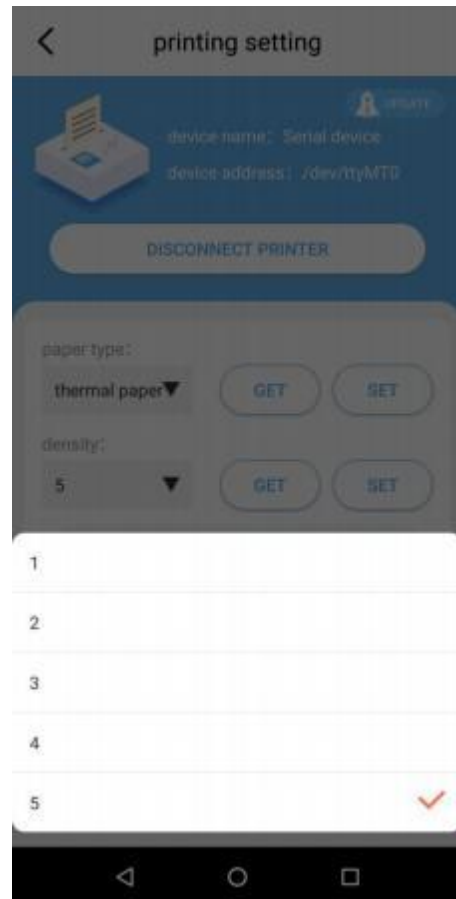After entering the application,click the "printing setting"on the lower right corner to set.

Paper type

This setting item can select paper type(thermal paper,label paper),click "SET" to save after modification.

Note:Paper specification:paper roll diameter=40mm\paper width=57mm,paper that does not exceed this parameter can be used.

Density

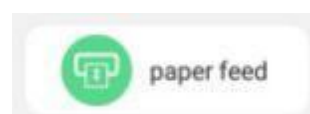This setting item can set the density of the printed image,the maximum density is 5,but for different types of paper,it is necessary to adapt,not necessarily the maximum density will be the best effect.

Normal thermal paper test(Label paper test)

This setting can test whether the selected paper type can print normally.

Paper feed

This setting can control the printer for paper output operation.

Paper back

This setting can control the printer for paper back operation.

Printer self-check page

This setting can print a test page to determine whether the printer is functioning normally and related firmware information.

Start fatigue test

This setting can test the compatibility of the hardware and the stability of the device by allowing the printer to print uninterruptedly.This is a performance stability test item for the manufacture and is not recommended for customer.

Label aligning
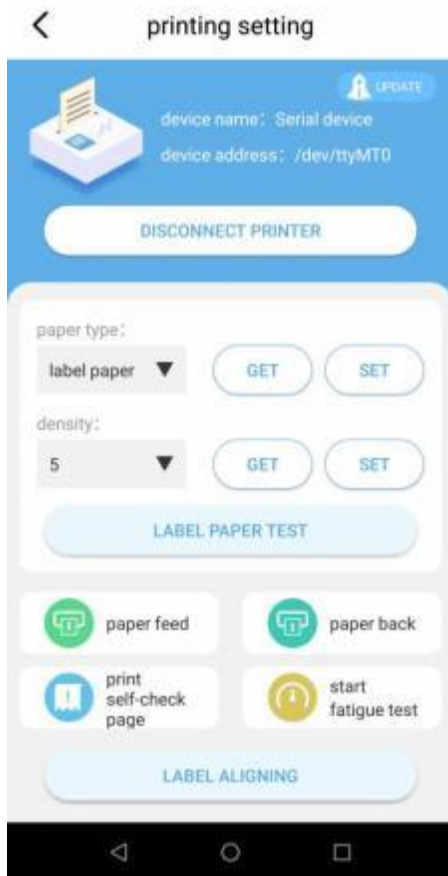
This setting only appears when the paper type is"label paper",it can make the label paper "align to the gap".

Start printing

Text printing
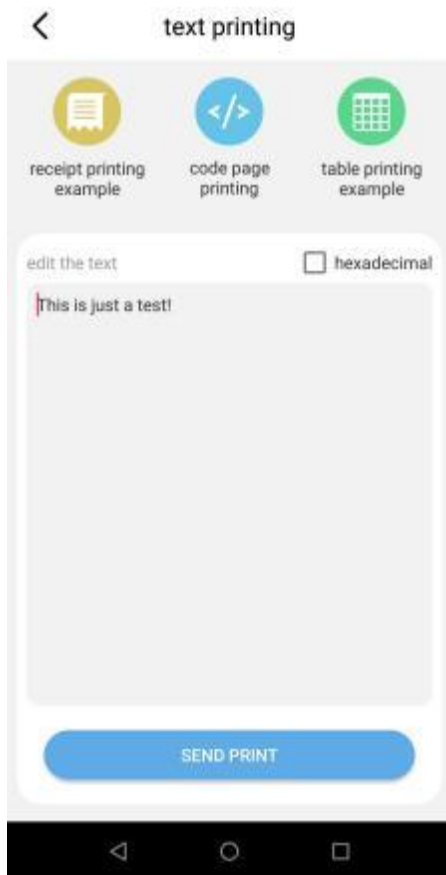
Receipt printing example

Click "receipt printing example" to print example receipt.

Code page printing

Click"code page printing"to enter the code selection interface,after selecting the code type,you can print the example code page.
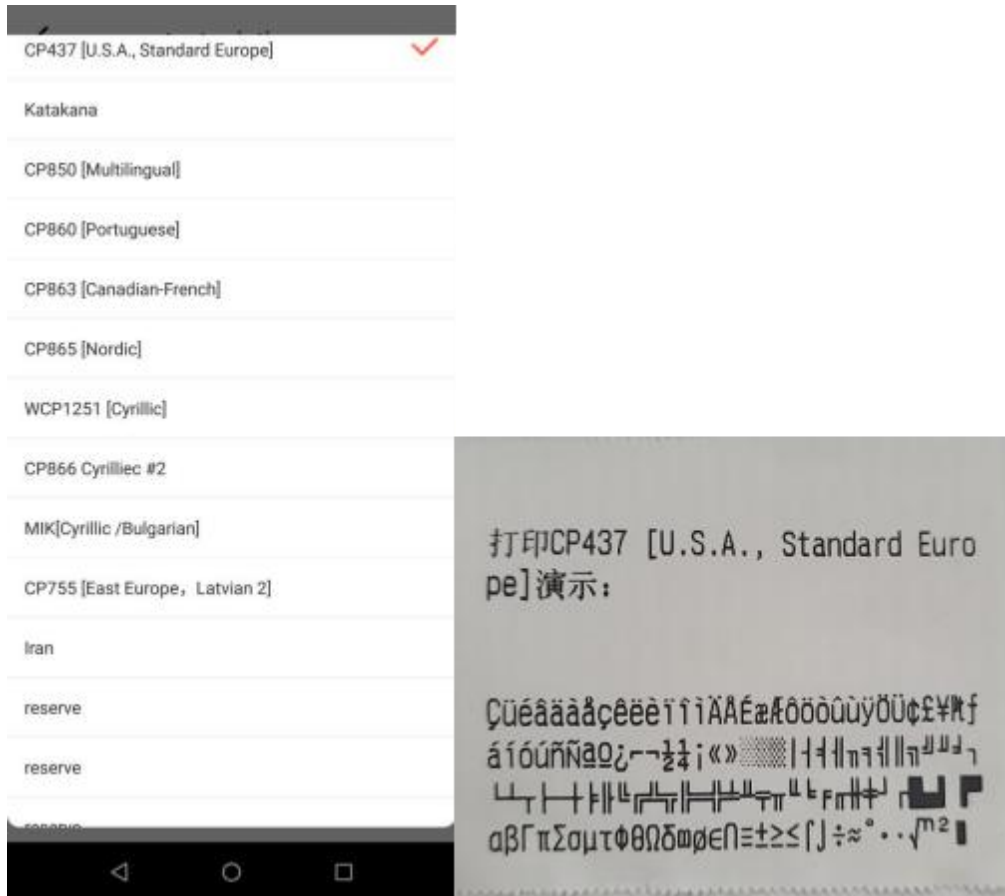
Table printing example

Click"table printing example"to print example table.

Custom text printing

Enter the text you want print in the "edit the text",and click "SEND PRINT"to print the content of the "edit the text".

text printing

receipt printing
example

code page
printing

table printing
example

edit the text   ☐ hexadecimal

This is just a test!

SEND PRINT
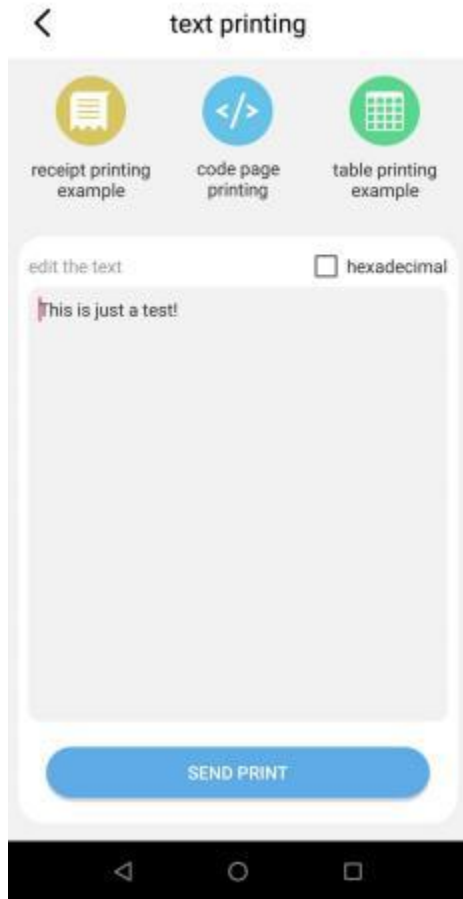
Barcode printing

barcode printing

1D code
printing

QR code
printing

scan printing

1D code   QR code

code_type:

CODE128 ▼

edit barcode content: (2 ≤ length ≤ 255)

012345678912
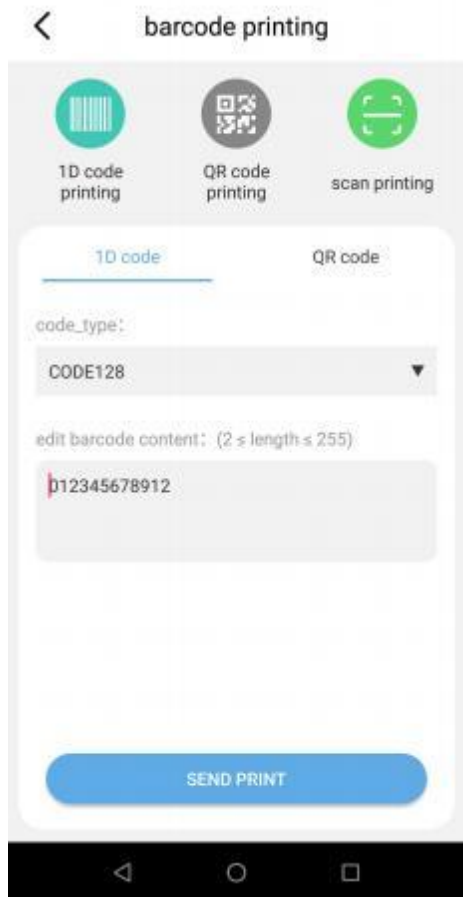
SEND PRINT

1D code printing

Click "1D code printing" to print 1D code.

QR code printing

Click "QR code printing" to print QR code.

Scan printing

Click "scan printing" ,Put the QR code into the camera frame and it will be automatically scanned and printed.

Custom 1D code printing

Click to select the type of 1D code

Click to edit barcode content

Click to print barcode

Custom QR code printing

Click to edit barcode content

Click to select the type of QR code

Click to print barcode

Picture printing

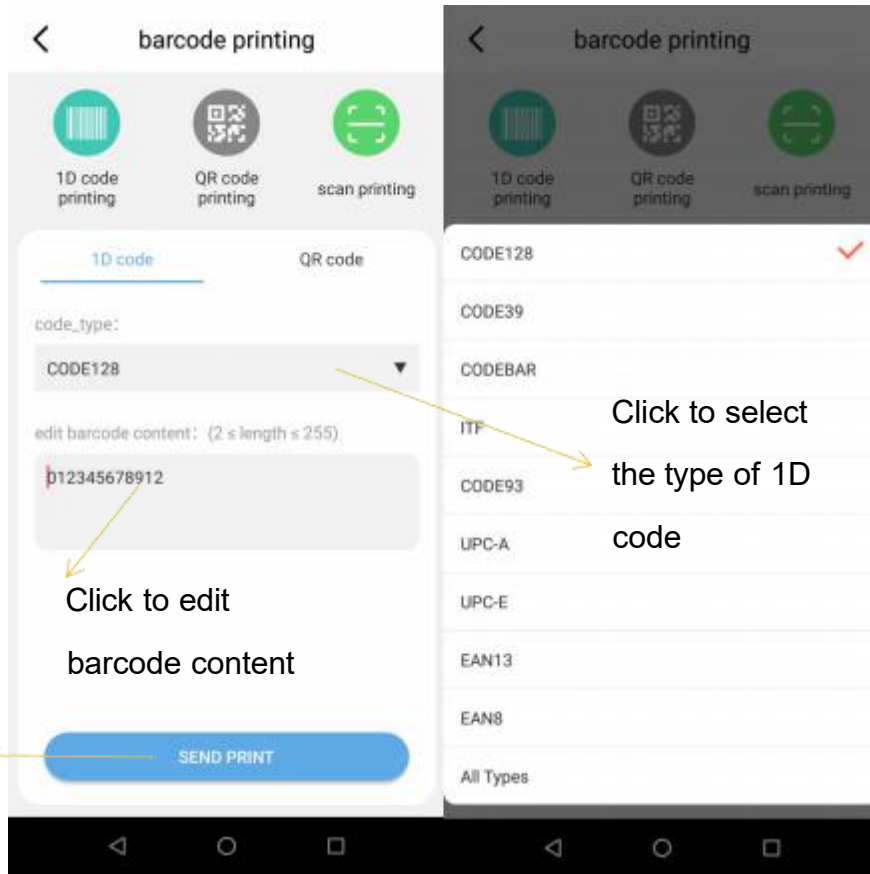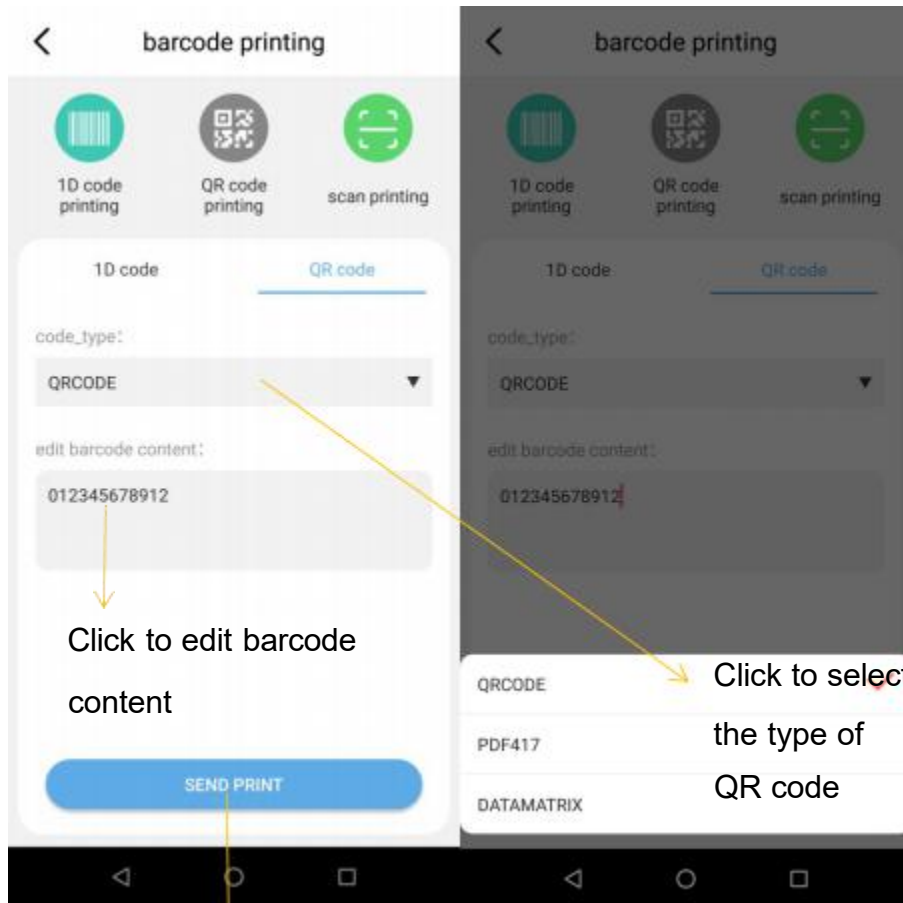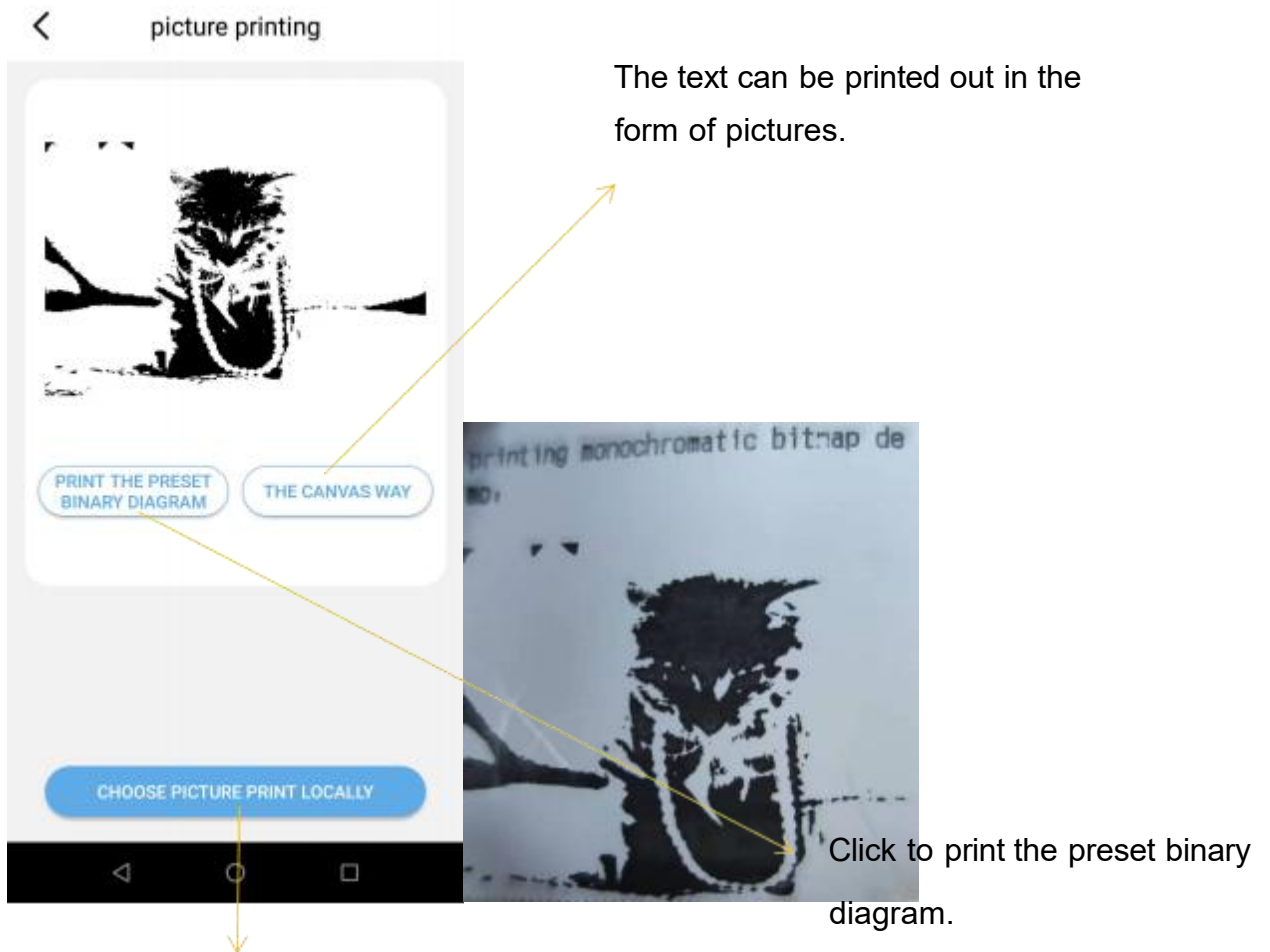The text can be printed out in the form of pictures.

Click to print the preset binary diagram.

Click to choose picture print locally.

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.

Product parameters

Size

174*82*35mm

Weight

About 460g (with battery)

(Note: Differences in different functional modules will cause actual weight

differences, please refer to the actual product.)

IP Code

IP65

Color

Black

Screen

Size: 6 inches, 18: 9

Resolution: 1080 * 2160

Type: IPS

Touch screen: 5-point touch screen

Processor

CPU: Octa-core, 8*2.0 GHz

OS

Android 8.1

Memory

RAM: 4GB

ROM: 64GB

Micro SD：Extension max128GB

Battery

4000mAh （Typical value）

Charging: 2.0 fast charging, full no more than 4 hours

Camera

Rear camera: 1300MP，AF

Front camera: 500MP，FF

WWAN

Dual SIM dual standby single pass, support for Nano SIM card

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

Data connect

WI-FI: 802.11a/b/g/n，2.4G & 5G

WI-FI hotspot: support

NFC: Support card reader mode, peer-to-peer mode, card emulation mode（14443A/B, ISO 15693, NFC）

Bluetooth: BT 4.1 （BLE)

USB: Type-C, OTG, USB tethering, USB fast charging

Location

GPS/GLONASS /Beidou

Barcode

Barcode engine model: CM60

Symbologies:

1D：

Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, Coop 2-of-5, etc.

2D：

PDF417、 QR Code、 Data Matrix、 etc.

Standard Range (SR) Optics	
Symbology/X-Dim	Typical Range*
100% U.P.C	mm – 419 mm (1.8" – 16.5") 64
mil Code 39	mm - 163 mm (2.5" - 6.4")
mil Code 39	mm – 338 mm (1.1" – 13.3")
mill PDF 417	mm - 185 mm (1.8" - 7.3")
mill Data Matrix	mm – 203 mm (2.1" – 8.0")
Resolution, linear barcodes: 0.127 mm (5.0 mil)	
Resolution, 2D matrix codes: 0.169 mm (6.7 mil)	
* Performance may be impacted by barcode quality and environmental condition.	

Sensor

Gravity sensor

Light sensor

Gyroscope sensor

Geomagnetic sensor

Packing list

Standard:

SD60 (with battery) X 1

Power Adapter X 1

USB Type-C cable X 1

Instruction manual X 1

CONTACT US

Phone: 86-18682381750

E-mail: info@speedatagroup.com

Website：

www.jcombyspeedata.com

Beijing Headquarters:

Office 01-2 08, Block D, 8 / F, Building 1-4, Yard A, 18 Zhongguancun South Street, Haidian District, Beijing,China,100085

Shenzhen Office:

2nd Floor, Building 4, Jinyuan Technological Zone, Banli

Avenue, Longgang District, Shenzhen, China, 518129