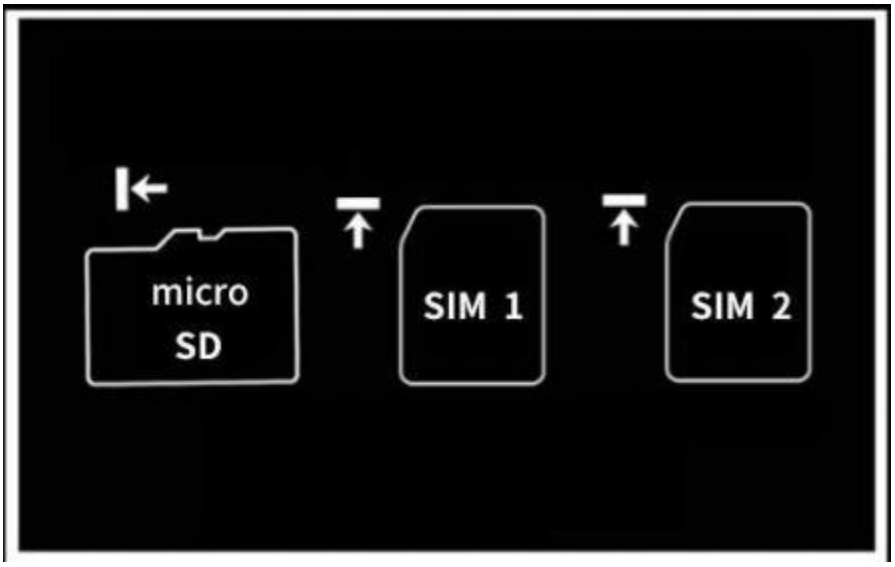
# SD50RT

## Quick Start Guide

J-COM® by SPEEDATA

# Appearance and Keypad


# 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.

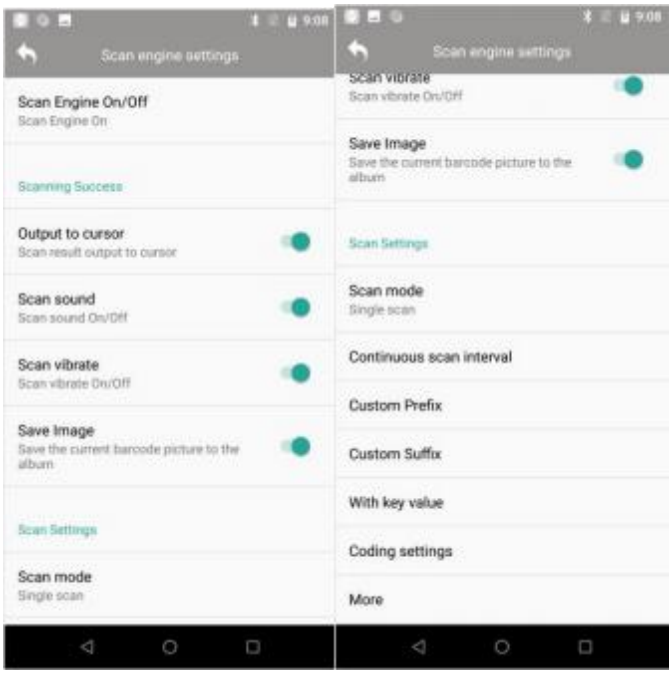
**Scan engine on/off:**Turn on / off the barcode scanning function.

**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.

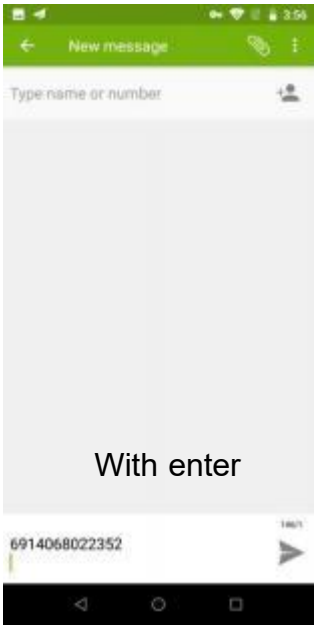
**A,Long-press continuous scan:** In this mode, press and hold the scan button to turn on the scan laser, release it to automatically turn off the scan laser, and if the barcode is successfully scanned when the scan button is pressed, the scan laser is turned on repeatedly.

**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).

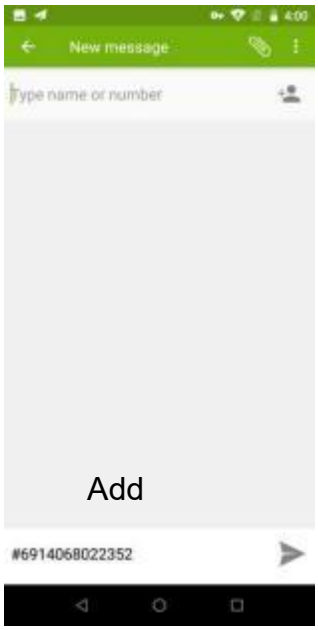
**Attached key value:** Special keys are added after the barcode output, such as "Enter" and "Line Feed".

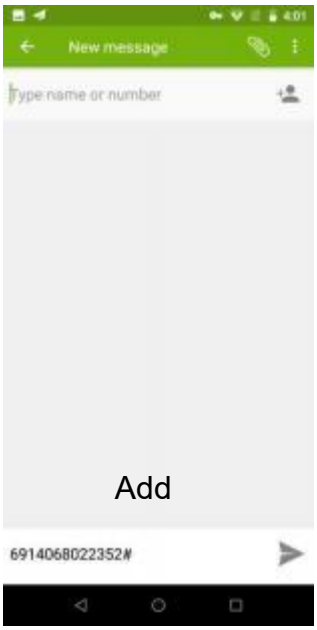





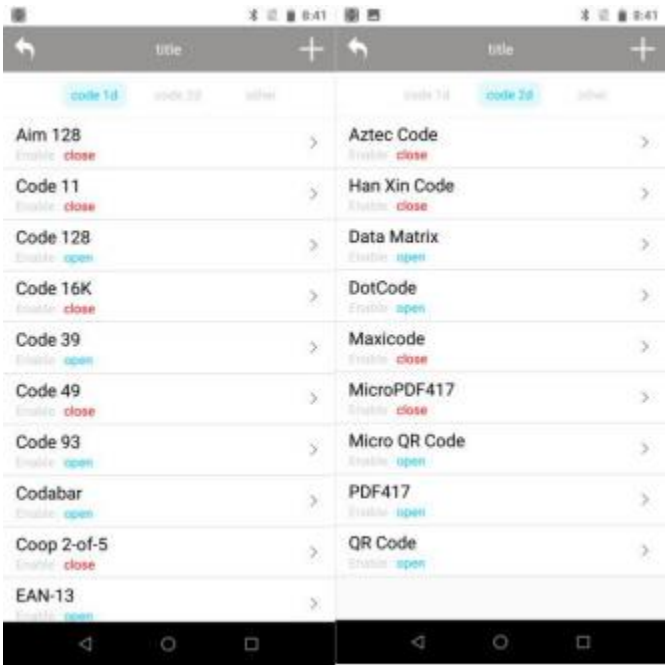
Add custom prefix: add custom characters, numbers, letters, etc. before the barcode output (add "#" for demonstration)

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



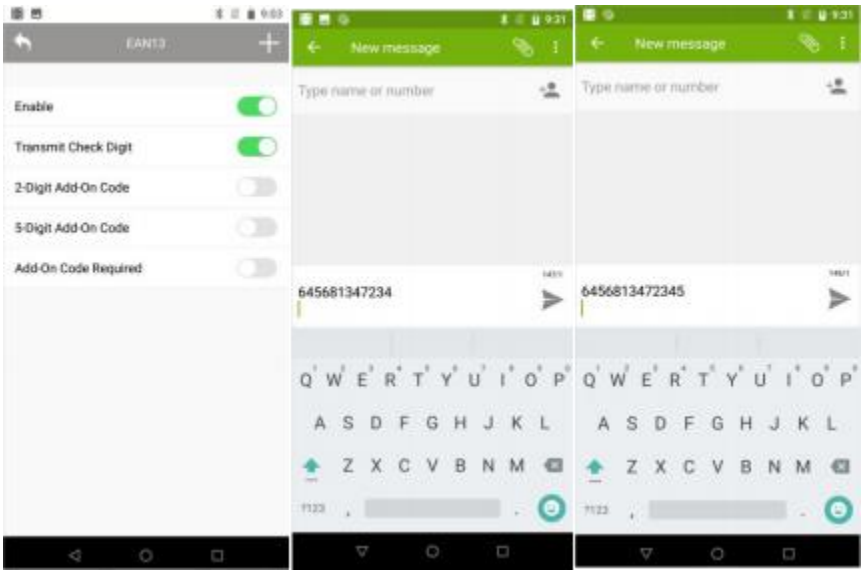




Code setting:Configure the barcode parameters of one-dimensional and two-dimensional code.




Choose code-1d-EAN-13-Enable

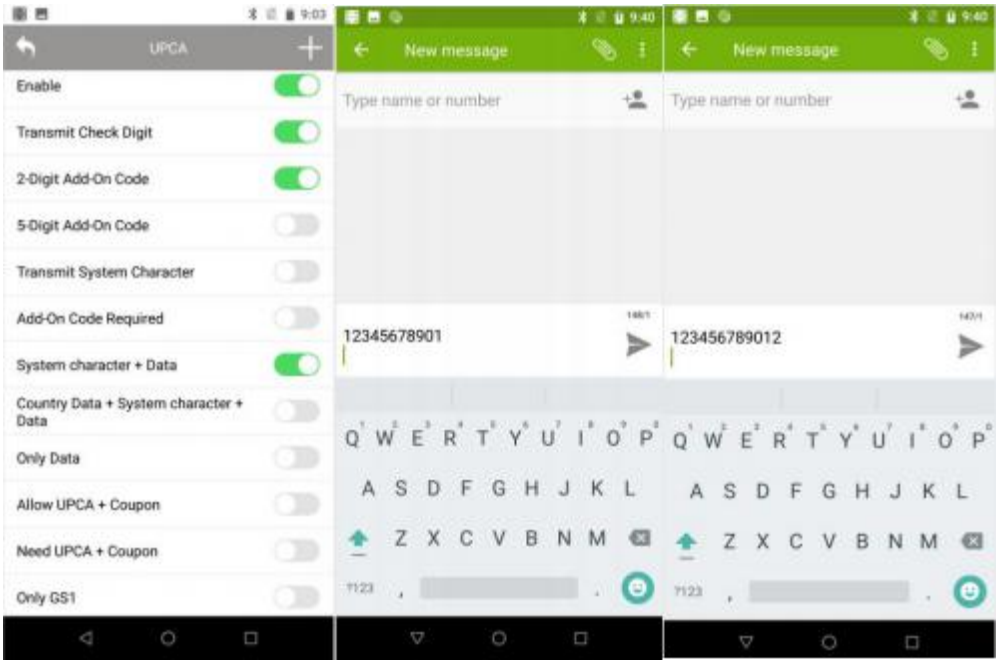
such as the scan result after scanning "EAN-13" barcode, one less.
You can select "EAN-13" type, enable "Check transmit Digit", and scan later the results show normal.
Example1:EAN-13 barcode:6456813472345;When the "Check transmit Digit"not enabled,the result show 645681347234 ;and when the "Check transmit 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.

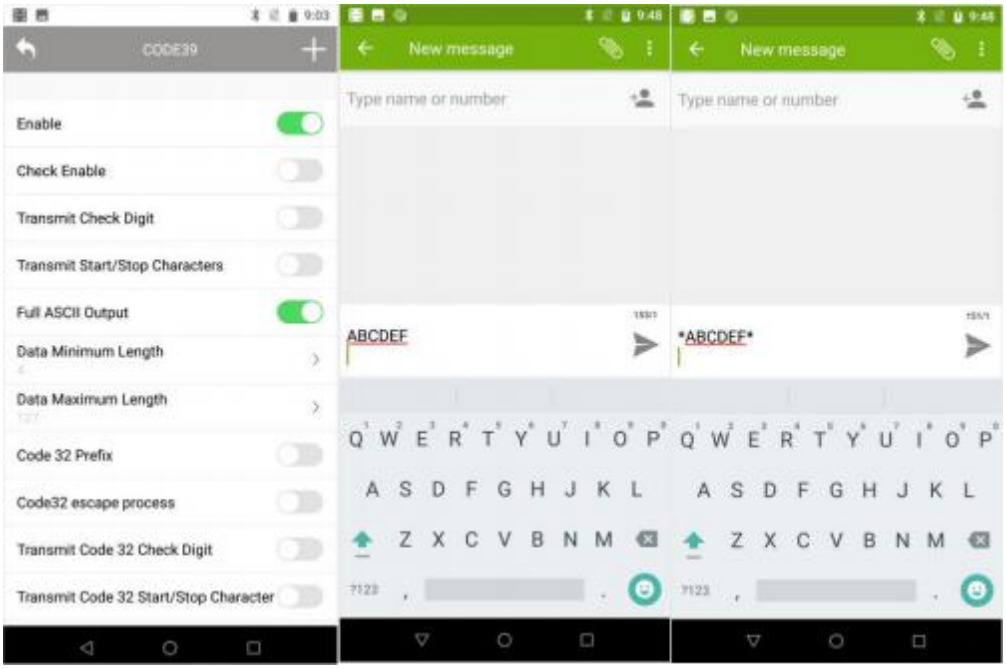
Example1:UPC-A barcode:123456789012;When the "Check transmit Digit"not enabled,the result show 12345678901,and when the "Check transmit Digit" is enable,the result show 123456789012.




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.

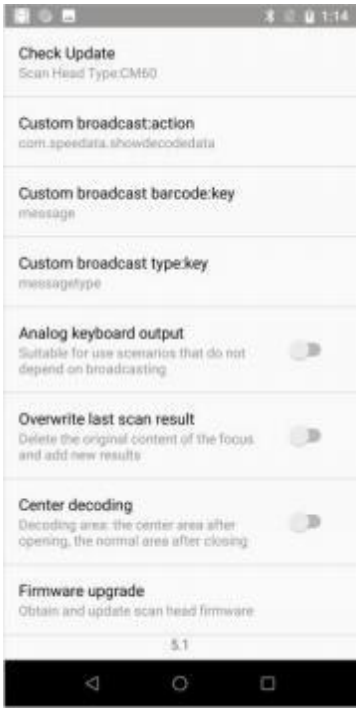
**Analog keyboard output:**Output analog keyboard.Cannot be used simultaneously with Output o cursor.

**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.



# 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.

**Standby batter to charging the host:**

When the power of the host is lower than 75%,the standby battery will charge the host;When the power of the host is higher than 95%,it will stop charging. When the standby battery is lower than 15%,the charging will stop.It needs to be restored to more than 50% before charging the host again.

**During UHF inventory,standby battery to charging the host:**

When the UHF inventory function “inventory start”is called,the standby battery will charge automatically,and ignoring the current power of the host.It will stop charging when the inventory is stopped.When the standby battery is lower than 15%,the charging will stop.It needs to be restored to more than 50% before charging the host again.

**Whole machine Charging :**

When the device is charging,the host will be charged first.And it will start to charge the standby battery after the host is fully charged.During the charging process,standby battery will not charge the host when the UHF is used

# Product parameters

## Size

207*84*20mm

## Weight

About 715g(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: 5 inches, 18：9

Resolution: 720 * 1280

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

7000mAh（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 TDD-LTE：B38/B39/B40/B41

TDSCDMA：B34/B39

WCDMA：B1/B2/B5/B8

GSM： B2/B3/B5/B8

CDMA：1x/CDMA2000 BC0

## 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:

SD50RT (with battery) X 1

Power Adapter X 1

USB Type-C cable X 1

Instruction manual X 1

## CONTACT US

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