

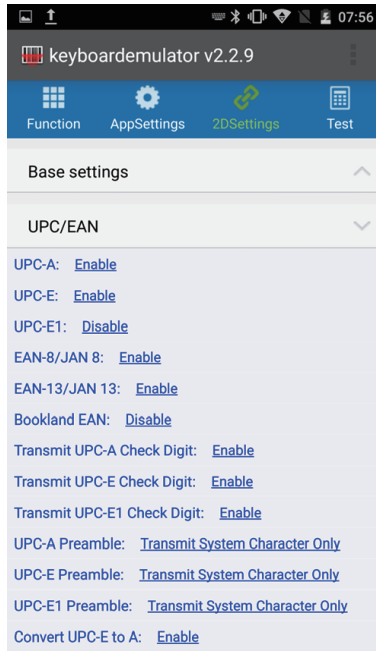
# MUNBYN Android Scanner



[User Manual](#)



# Content



If you purchased the model with 1D scanner, the decoding settings is not included in the 'keyboardemulator'.

You can kindly download this document to get the setting codes for setting up, please kindly download the document at this link: <http://bit.ly/zebra-SE965-doc>

\*Please ONLY refer and scan the codes in chapter 8-18 to 8-59, to set the decoding, other settings might causes abnormal scanning.

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# Chapter 1 Product Introduction

## 1.1 Brief Introduction

MUNBYN Android Scanner is smart mobile PDA that integrated with various features such as wireless communication, data acquisition, wireless transmission, data processing and UHF scanning etc. It is configured with Android OS. With a set of advanced data acquisition options, our scanner can be operated in various industries to acquire precise and abundant datum automatically. Meanwhile, the device can match the options with staffs accordingly. The corporation which deployed MUNBYN Android Scanner will realize the deployment work is simple and maintenance work will be remarkably decreased.

MUNBYN Android Scanner is highly rugged, compact and durable. With IP water and dust proof capability, the device has met IEC sealing standard. Therefore, it can be operated by staffs such as railway inspector, road toll operator, vehicle inspector, delivery postman, power supply inspector, storage administrator, financial & insurance, police officers, security tracing etc. Wherever your staff locations are, our devices can remain its connectivity with the system to make sure business in high-effective operating.

MUNBYN Android Scanner adopted 4G LTE technology to realize multi path communication and calling function for field work, data exchange efficiency has been enhanced simultaneously. Therefore, our devices will bring the largest investment return for enterprises.

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For more questions, please contact seller from Amazon support or email.

## (3) End mark

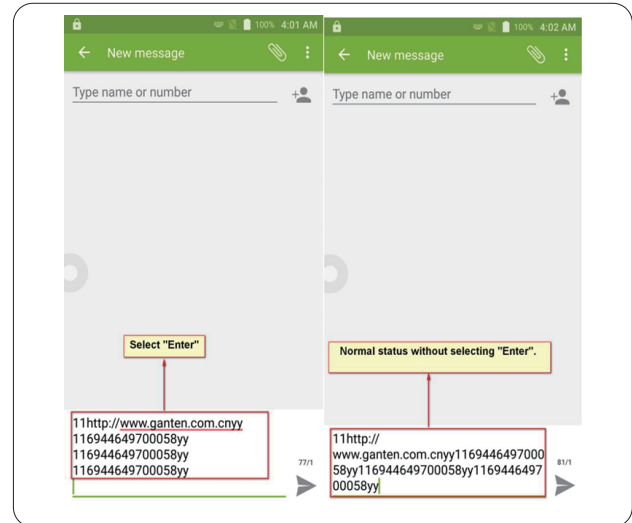
The end mark means add specific mark at the end of read-out data.

Enter: select "Enter", after barcode data has been read, cursor will move to next line.

Tab character: after barcode data has been read out, add tab character "t" at rear, when data has been acquired in Excel, cursor will move to next cell. The functional process of software is necessary to realize it.

## (4) 2DSettings

This section can help to set up scanning feature such as the light and barcode decoding.





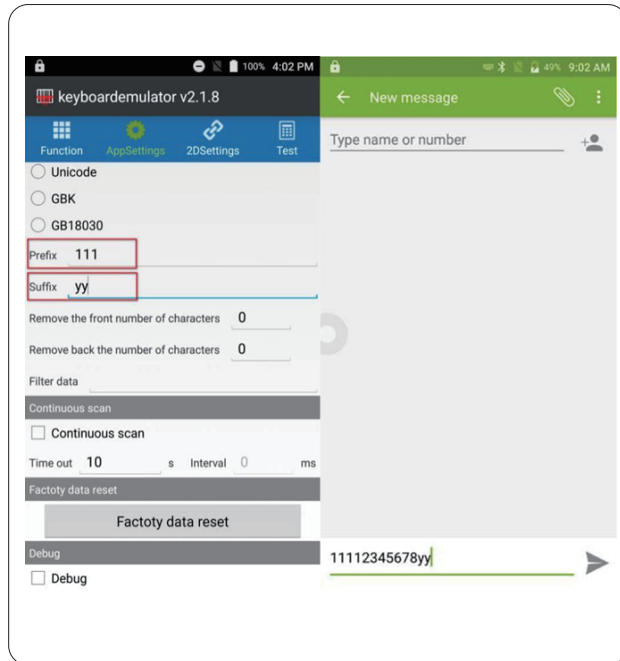
## (2) Additional information

The additional information means add extra data at front or rear on scanned barcode data.

**“Prefix”**: add data at the front of read-out data.

**“Suffix”**: add data at the rear of read-out data.

For example, if original read-out data is “12345678”, prefix will be modified as “111” and suffix will be modified as “yy”, the final data will display “11112345678yy”.



## 1.2 Precaution Before Using Battery

- Do not leave battery unused for long time, no matter it is in device or inventory. If battery has been used for 6 months already, it should be check for charging function or it should be disposed correctly.
- The lifespan of Li-ion battery is around 2 to 3 years, it can be circularly charged for 300 to 500 times. (One full battery charge period means completely charged and completely discharged.)
- When Li-ion battery is not in used, it will continue discharge slowly. Therefore, battery charging status should be checked frequently and take reference of the related battery charging information on the manuals.
- Observe and record the information of a new unused and non-fully charged battery. On the basis of operating time of new battery and compare with a battery that has been used for long time. According to product configuration and application program, the operating time of battery would be different.
- Check battery charging status at regular intervals.
- When battery operating time drops below about 80%, charging time will be increased remarkably.
- If a battery is stored or otherwise unused for an extended period, be sure to follow the storage instructions in this document. If you do not follow the instructions, and the battery has no charge remaining when you check it, consider it to be damaged. Do not attempt to recharge it or to use it. Replace it with a new battery.
- Store the battery at temperatures between 5 °C and 20 °C (41 °F and 68 °F).

## 1.3 Charger

The charger type is GME10D-050200FGu, output voltage/current is 5V DC/2A. The plug considered as disconnect device of adapter.

## 1.4 Notes

Using the incorrect type battery has danger of explosion. Please dispose the used battery according to instructions.

Due to the used enclosure material, the product shall only be connected to a USB Interface of version 2.0 or higher. The connection to so called power USB is prohibited.

The adapter shall be installed near the equipment and shall be easily accessible.

The suitable temperature for the product and accessories is 0-10 to 50.

Caution risk of explosion if battery is replaced by an incorrect type. dispose of used batteries according to the instructions.

## 1.5 Download

You can download this manual and the SDK for our models via the links below:

1. Manual: <https://bit.ly/P082manual>
2. IPDA051: <https://bit.ly/IPDA051-sdk>
3. IPDA056: <http://bit.ly/IPDA056-sdk>
4. IPDA037: <https://bit.ly/IPDA037-sdk>
5. IPDA078: <https://bit.ly/IPDA078-sdk>

## The following 4 modes can be supported

### **1.Keyboard Input:**

enter read-out data in cursor position, it is same as input data on analog keyboard.

### **2.Clipboard:**

copy the read-out data on clipboard, paste data on the place that user needs.

### **3.Broadcast Receiver:**

it is the method that using the broadcast mechanism of Android to transfer read-out barcode data to customer's program. In this way, the codes of API in SDK do not need to be written into customer software codes, read-out data can be acquired by registering broadcast and customer can operate read-out data according to logic requirement.

After select "Broadcast Receiver", "Broadcast name" and "Key" need to be adjusted.

Broadcast name: it is the broadcast name of acquired data in customer software.

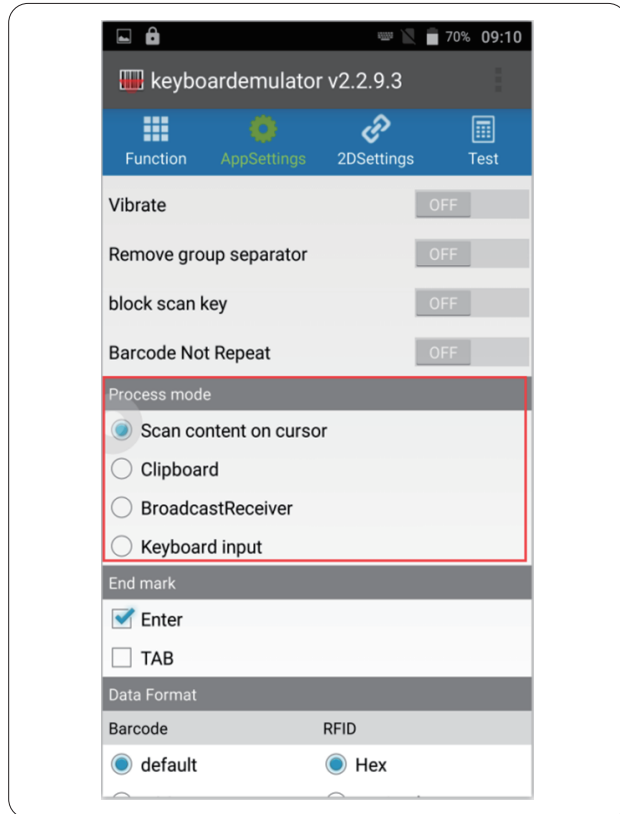
Key: acquire the corresponding key designation of the broadcast.

### **4.Scan content on cursor:**

copy the scanned data, and paste it on the cursor position.

## (1) Process mode

Process mode means how the data will be processed after barcode data has been read out. Some 3rd party apps have require on process, you can adjust the modes in this section, to adapt the apps.



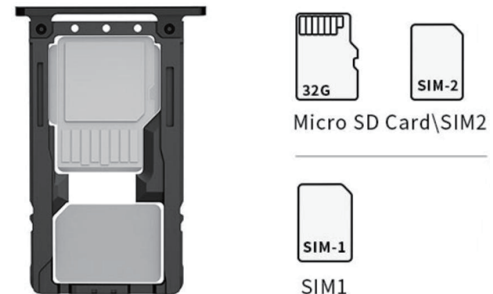
## Chapter 2 Installation Instructions

### 2.1 Button instruction

Button		Description
Side Button	1.Power	Located on left side, press to ON/OFF device.
	2.Function key	Located on left side, its function can be defined by software.
	3.Scan	Scanning button located on both sides. There are two scanning buttons.
Main Button	4.Menu	Display main menu.
	5.Home	Touch it back to main screen.
	6.Enter	Press to confirm current selection.
	7.Backspace	Return to last step to setup.

### 2.2 Install Micro SD and SIM Cards

The cards sockets are showing as follows:



## 2.3 Battery Charge




By using USB Type-C contact, the original adaptor should be used for charging the device. Make sure not to use other adaptors to charge the device.

## 2.4 Buttons and Function Area Display



Our Android scanner has 4 side buttons, 4 main buttons and trigger on pistol, UHF scanning area, 2D scanning module, HD camera and flashlight locate on the top.

# Chapter 3 Call Function





## 3.1 Calling Numbers

1. Click icon 
2. Click number key to input phone numbers.
3. Click icon  to call.
4. Click icon  to end call.

## 3.2 Contacts

1. Click contacts to open contacts list.
2. Click icon  to add new contacts.
3. Click icon  to import/export contacts.

## 3.3 SMS and MMS

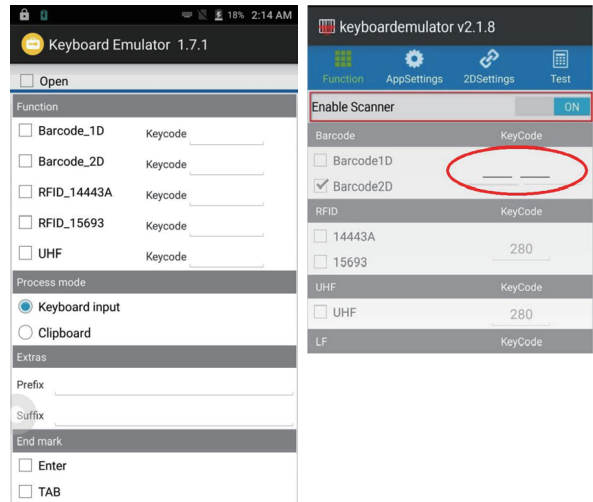
1. Click  to open message window.
2. Click  to input message receiver and contents.
3. Click  to send out messages.
4. Click  to add attachment pictures and videos.

## 7.8 Keyboard Emulator (optional)

The keyboard emulator can be used in multiple operating background and output formats directly. And it includes Prefix/Suffix/Enter/TAB.

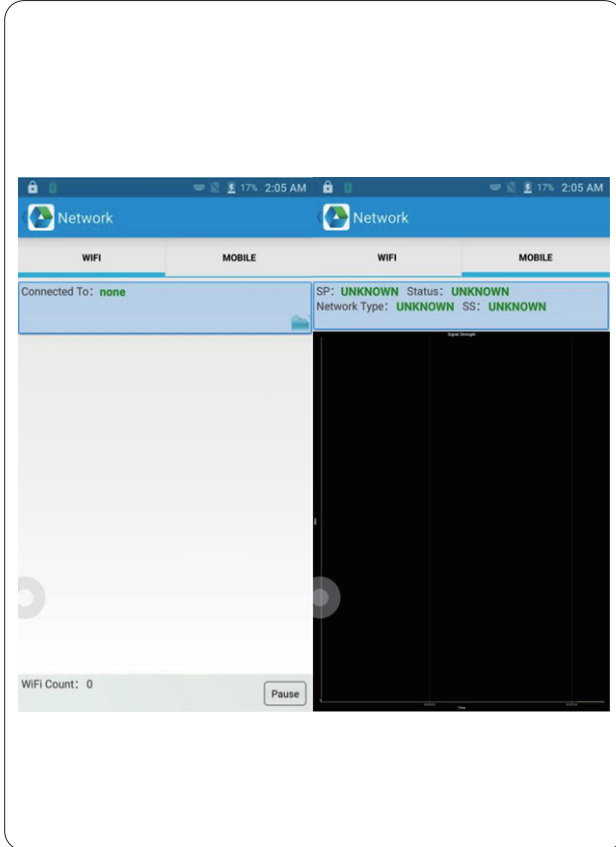
### Notes:

For pistol grip mode  
(Quad-core CPU model) input **139** and **280** in KeyCode  
(Octa-core CPU model) input **139** and **293** in KeyCode



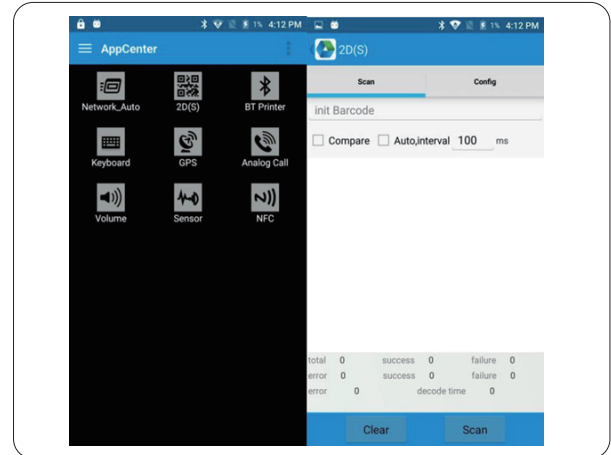
## 7.7 Network

1. Click "Network" in App Center.
2. Test WIFI/Mobile signal by requirements.



## Chapter 4 Barcode Reader-writer

1. In App Center, to open 2D barcode scan test.
2. Press "SCAN" button or click scan key to start scanning, the parameter "Auto interval" can be adjusted.



**Caution:** Please scan codes in correct way otherwise the scanning will be failed.

**1D barcode:**



Correct



Incorrect

**2D code:**



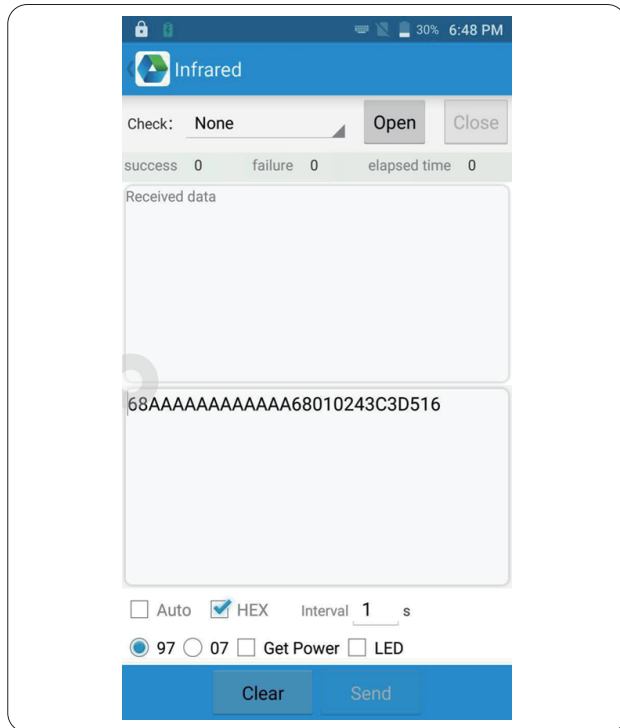
Correct



Incorrect

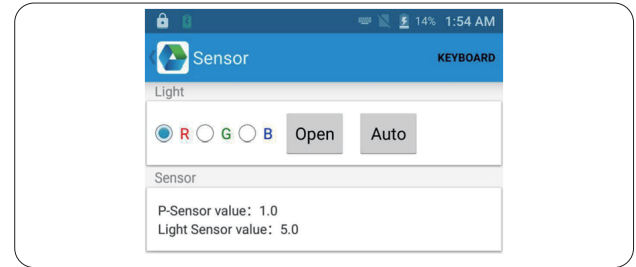
# Chapter 5 Infrared Read-write Function

- 1.Open infrared function in App Center.
- 2.Click button “Open” to start infrared scanning function. Click “LED” for infrared scanning aim assist. Depending on different application status to compile different commands to realize infrared read and write function.



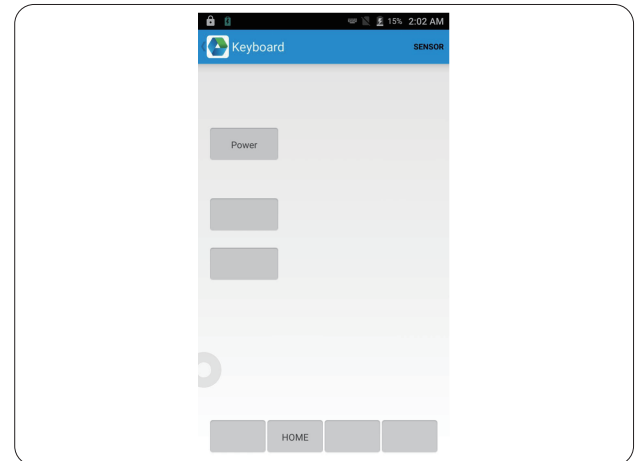
# 7.5 Sensor

- 1.Click “Sensor” in App Center.
- 2.Setup the sensor by requirements.



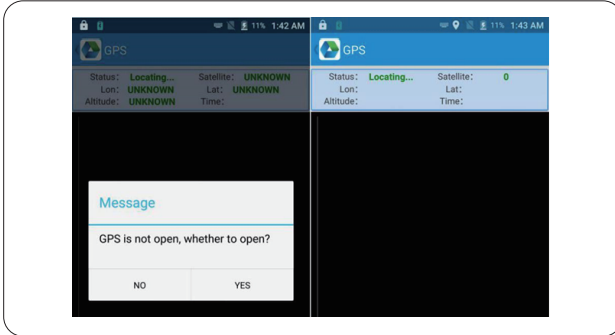
# 7.6 Keyboard

- 1.Click “Keyboard” in App Center.
- 2.Setup and test the main value of the device.



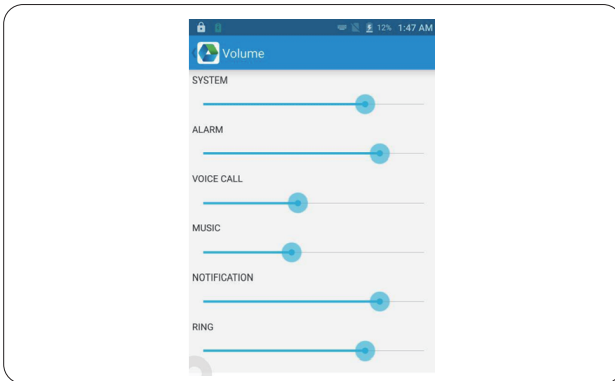
## 7.3 GPS

- 1.Click “GPS” in App Center to open GPS test.
- 2.Setup GPS parameters to access GPS information.



## 7.4 Volume Setup

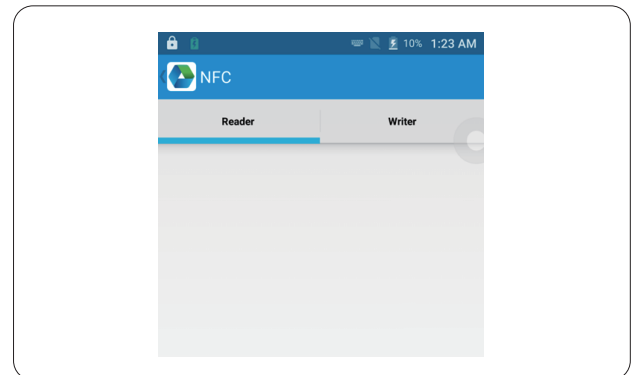
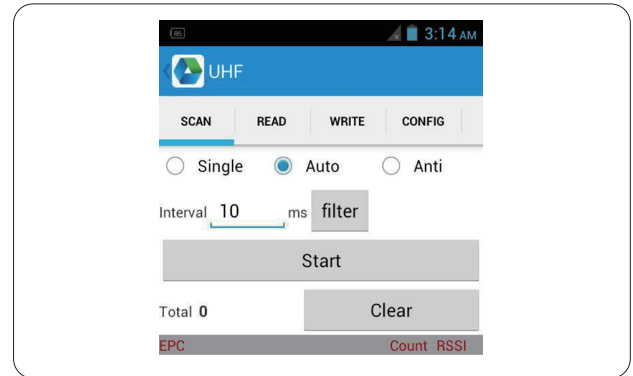
- 1.Click “Volume” in App Center.
- 2.Setup volume by requirements.



## Chapter 6 RFID Reader

### 6.1 UHF & NFC

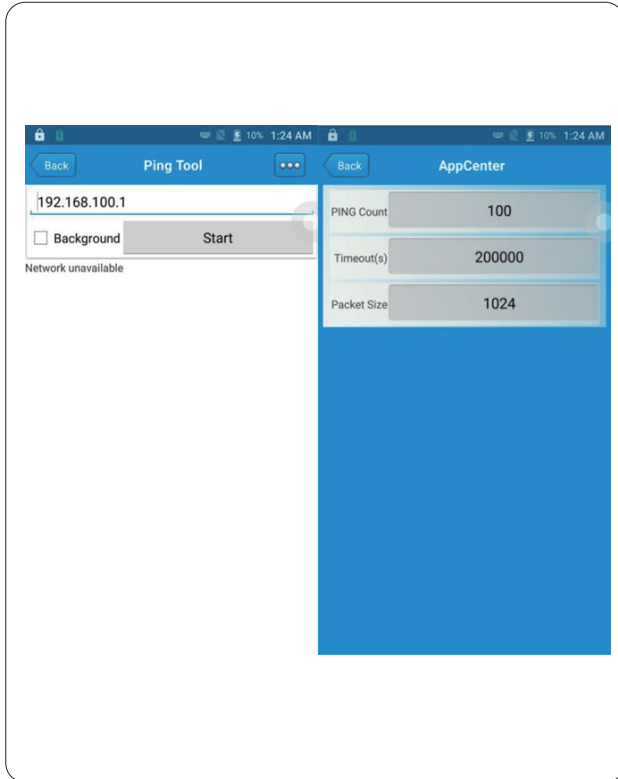
Click App Center, open “UHF” or ‘NFC’ to read and write UHF and NFC tags,or kill and lock UHF tag.



# Chapter 7 Other Functions

## 7.1 PING Tool

1. Open "PING" in App Center.
2. Setup PING parameter and select external/internal address.



## 7.2 Bluetooth

1. Open "BT Printer" in App Center.
2. In the list of detected devices, click the device that you want to pair.
3. Select printer and click "Print" to start printing contents.

