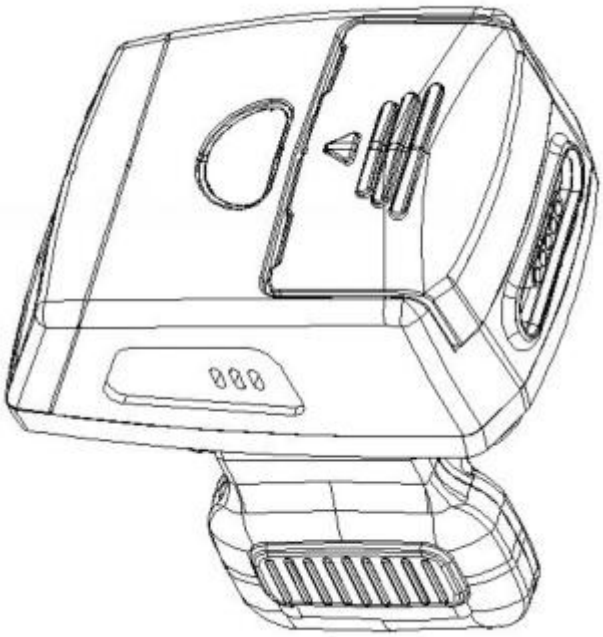
Postech



FS02P

Bluetooth barcode Reader

User Manual

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● Turn on & turn off

Turn on——Press the button once

Turn off——Press the button keep 6 seconds(under normal conditions)

Press the button keep 10 seconds(under DFU Mode)

Automatic shutdown——20 minutes after no operation.

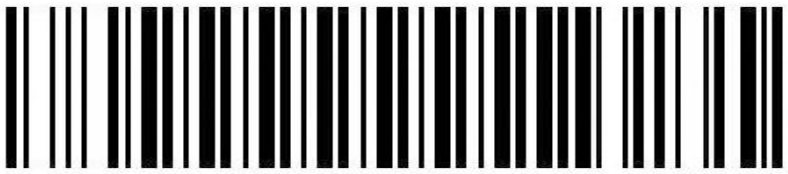
ǒ Status indicator

LED and buzzer's status	Meaning of representative
Green light flashing(w/buzzer ringing)	Decode success
Green light flash three times, buzzer sound three	Connection of USB or U Disk mode is successful
Green light flashes continuously	Scanning built-in battery anomaly
Green light keep shining	Enter the DFU Mode
Blue light flashing	Enter the Bluetooth pairing mode
Blue light goes out (In bluetooth pairing mode)	Bluetooth link successful
Red light keep shining	In charge
Red light goes out (When charging)	Charging is complete

● Bluetooth Mode

◎ HID Mode for IOS

1. Turn on the barcode reader, and read below barcodes sequence, the blue LED will flash rapidly.

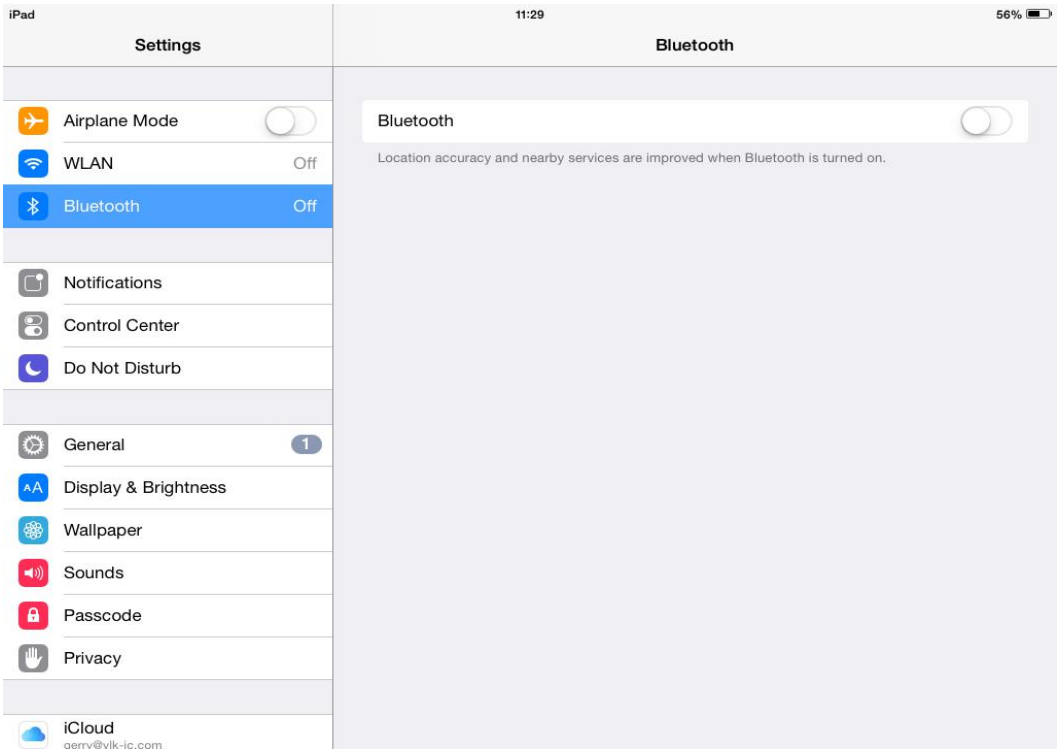


Bluetooth HID Mode

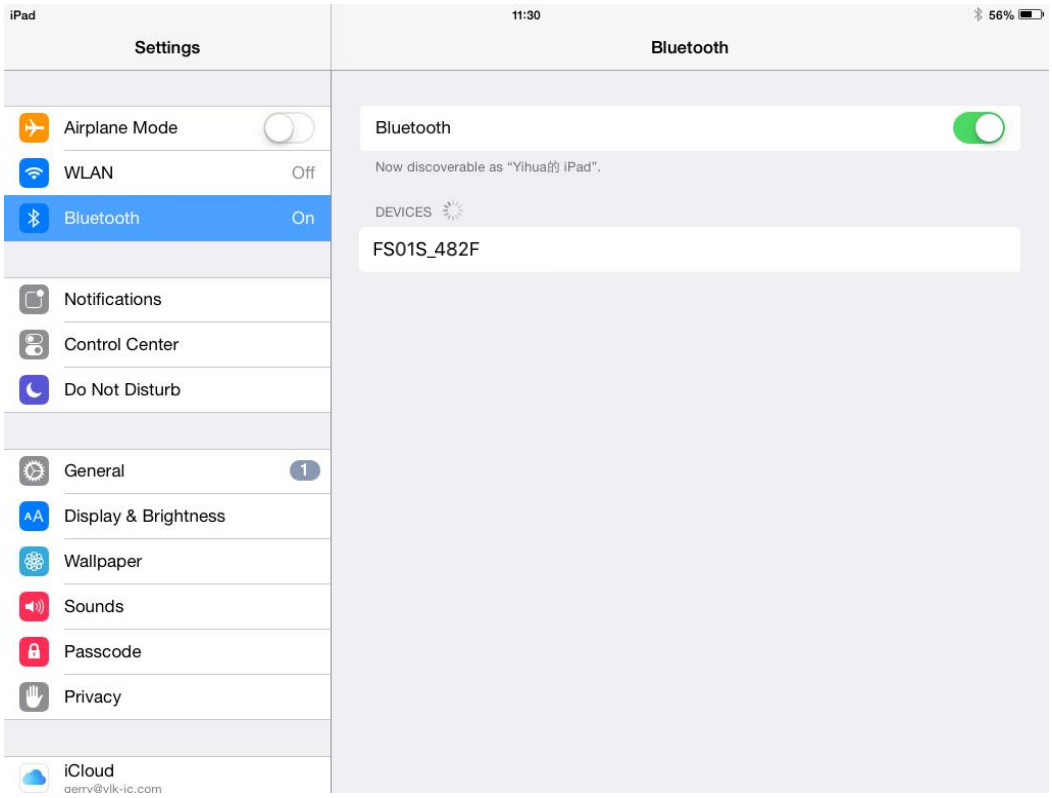
Bluetooth Pairing Mode

Bluetooth Output Mode

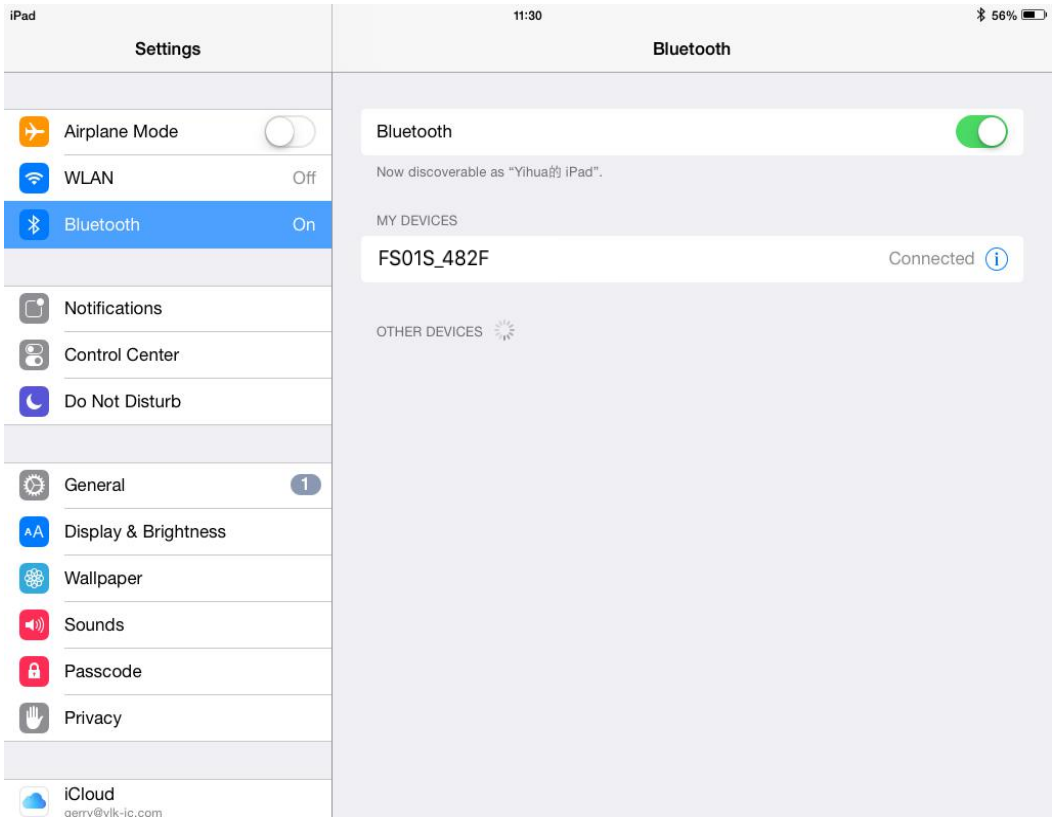
2. Enable the bluetooth of IOS device to pair with the barcode reader.

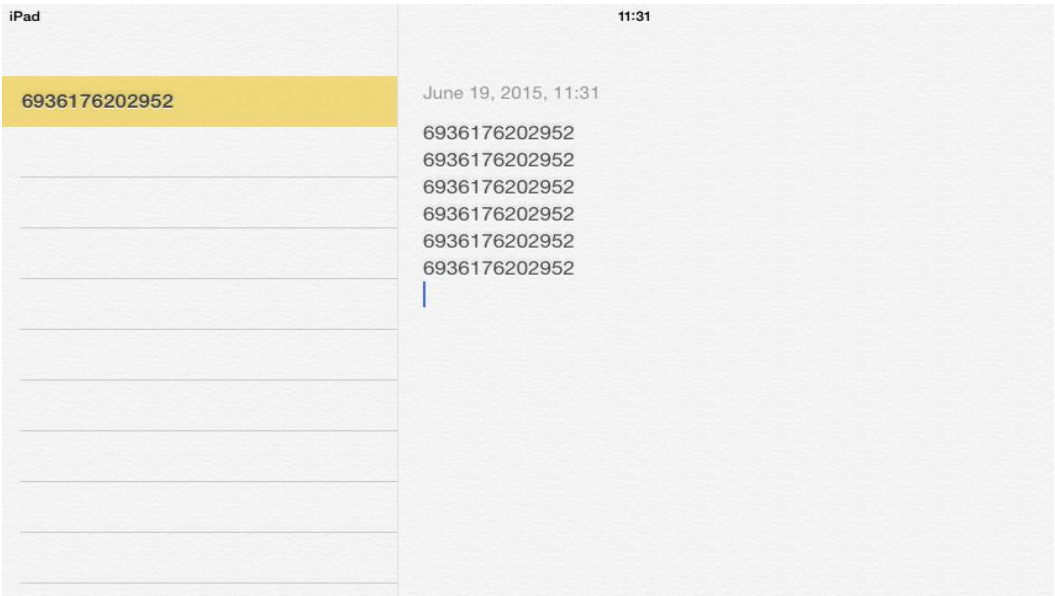


3. Enable bluetooth, and the ipad will search automatically. After the searching is finished, click the scanner's name (FS02P_482F) to connect. And the back four bits of this Bluetooth name like the "482F" are the back four bits corresponding to the Bluetooth MAC address.



4. After the connection is successful, the blue LED on the scanner will be off. Then you can use it with Notes/office files or other cursor blinking position.

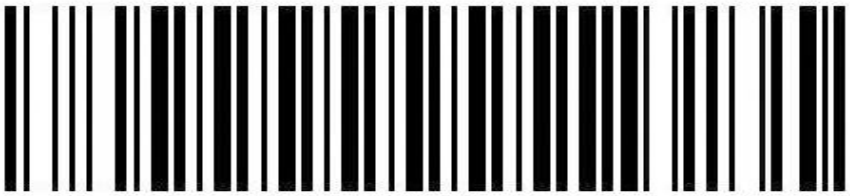




Note: In android system, If the soft keyboard can not display, you need to switch the hardware physical keyboard to OFF status. In IOS system, you can also click trigger button for four times to hide and display soft keyboard for IOS.

◎ **HID Mode for Windows**

1. Turn on the barcode reader, and read below barcodes sequence, the blue LED will flash rapidly.

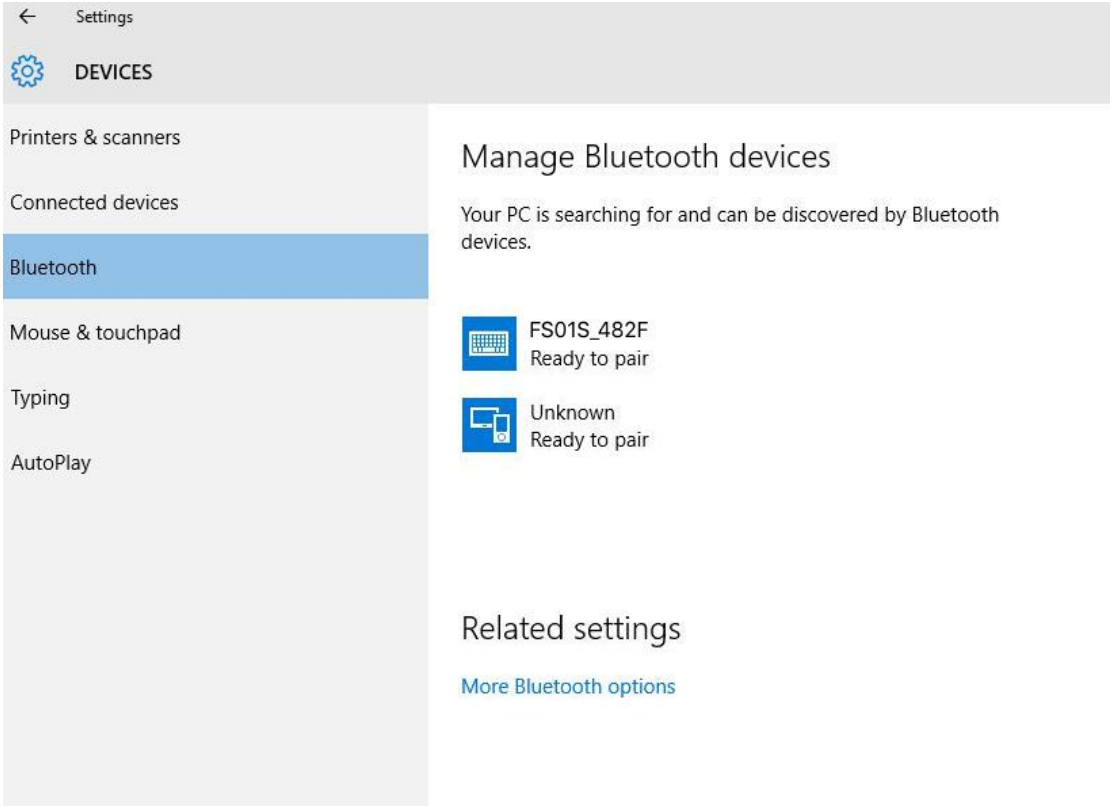


Bluetooth HID Mode

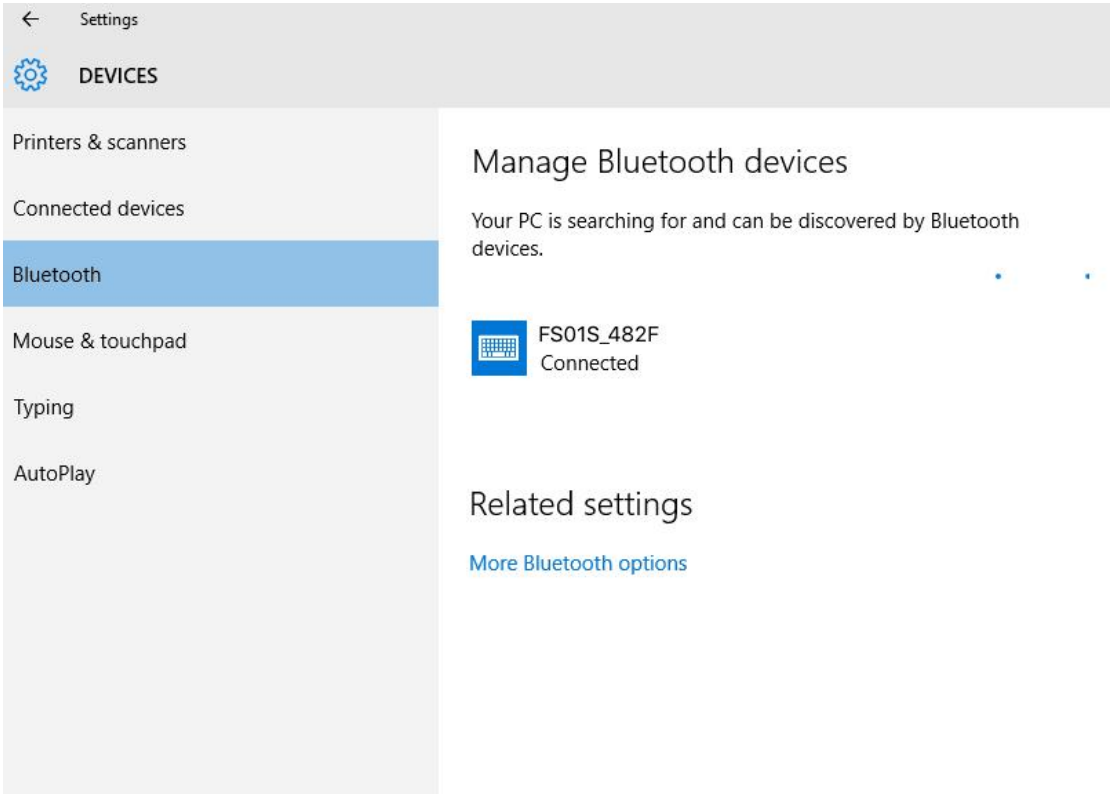
Bluetooth Pairing Mode

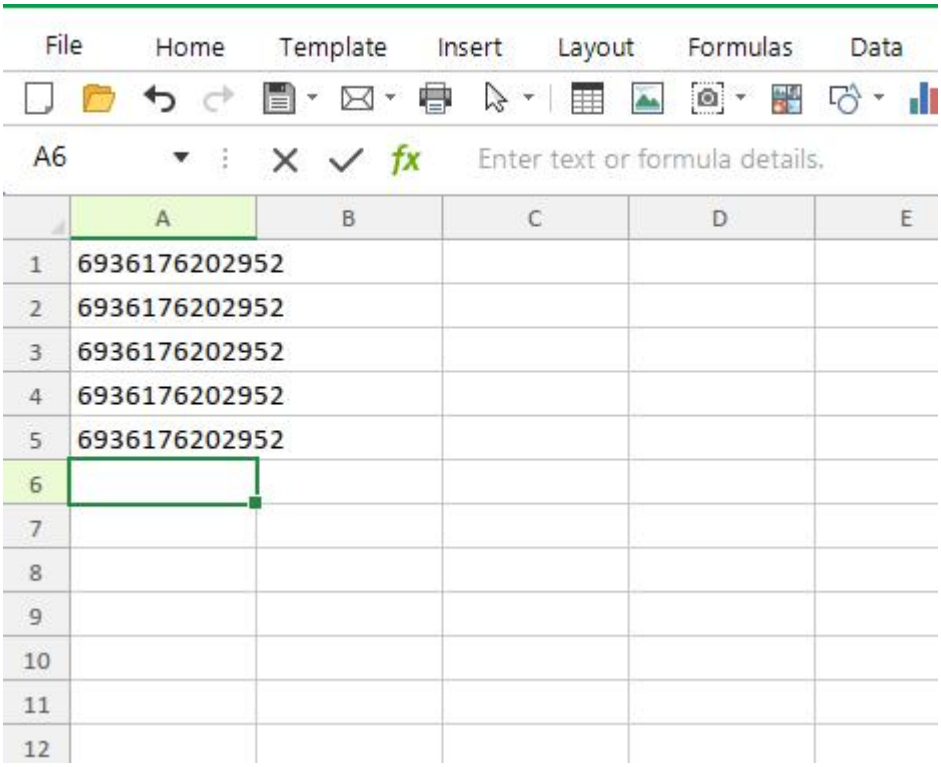
Bluetooth Output

2. Find out the bluetooth option in the computer, and the Windows device will search automatically. After the searching is finished, click the scanner's name (FS01S_482F) to connect.



3. Computer will display “Dose the passcode on FS02P_482F match this one?”, click “Yes”.
4. The connection is successful, the blue LED on the scanner will be off. Then you can use it in Notes/office files or other cursor blinking position.




File
Home
Template
Insert
Layout
Formulas
Data
A6
Enter text or formula details.
A
B
C
D
E
1 6936176202952
2 6936176202952
3 6936176202952
4 6936176202952
5 6936176202952
6
7
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9
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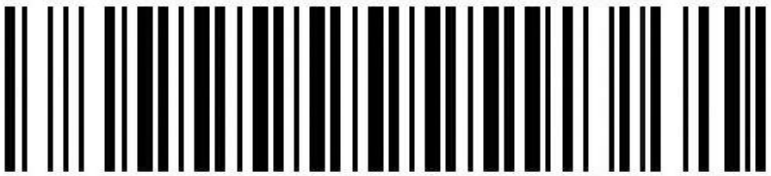
12

◎ **SPP Mode for Windows**

1. Turn on the barcode reader, and read below barcodes sequence, the blue LED will flash slowly.

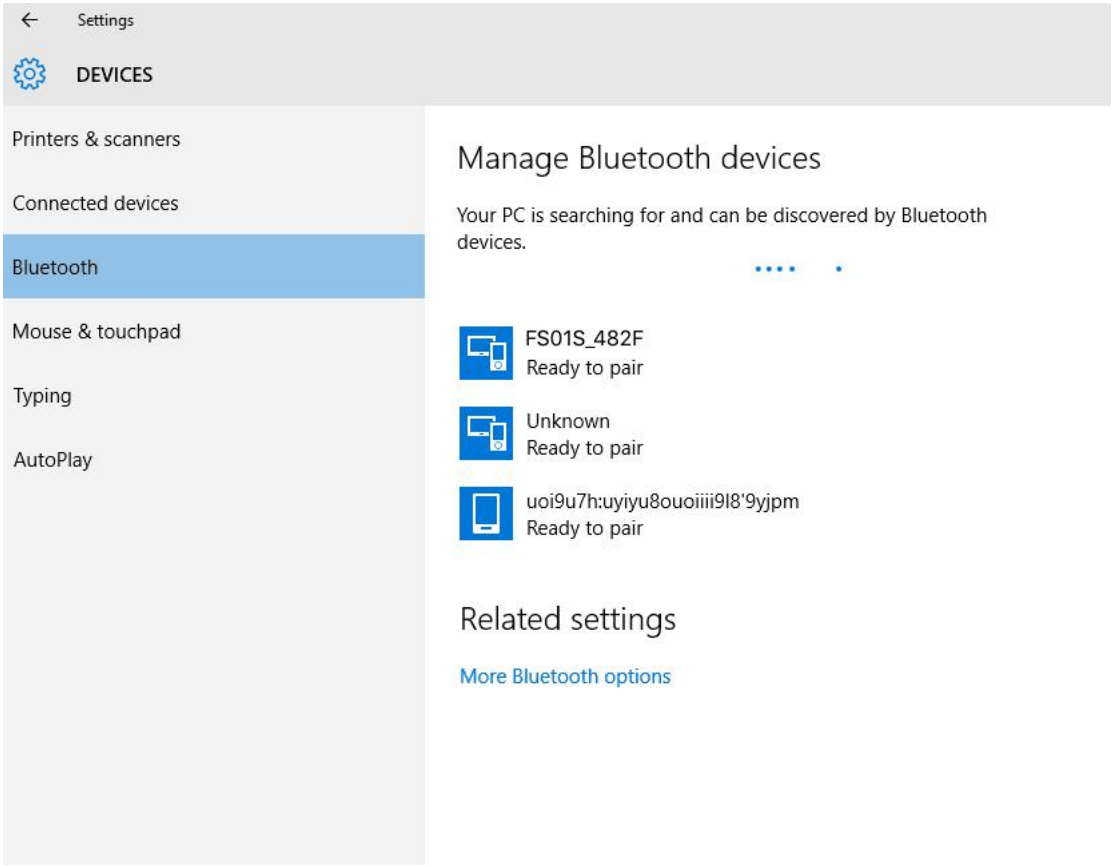


Bluetooth SPP Mode

Bluetooth Pairing Mode

Bluetooth Output

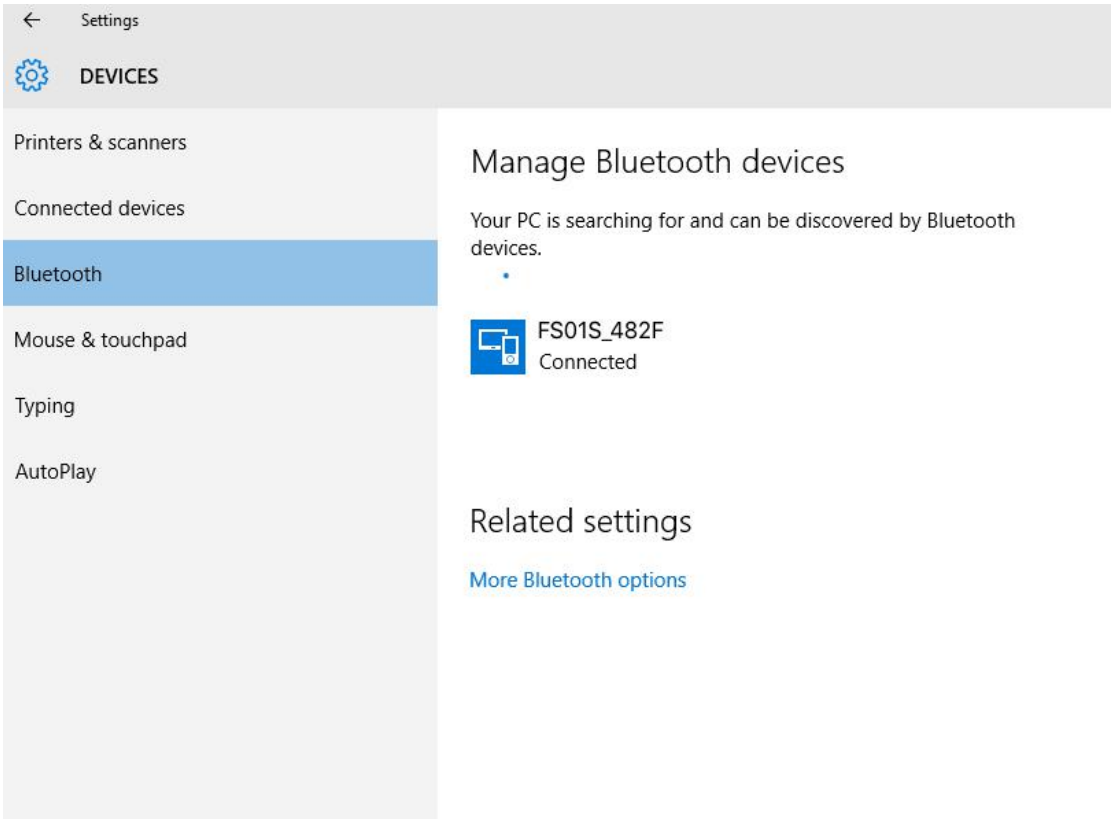
2. Find out the bluetooth option in the computer, and the Windows device will search automatically. After the searching is finished, click the scanner's name (FS01S_482F) to connect.



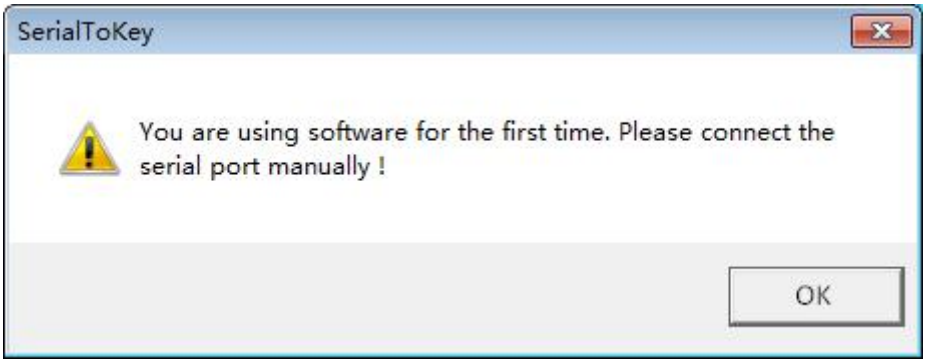
3.Computer will display “Dose the passcode on FS01S_482F match this one?”, click “Yes”.

4.The connection is finished, now you need a software

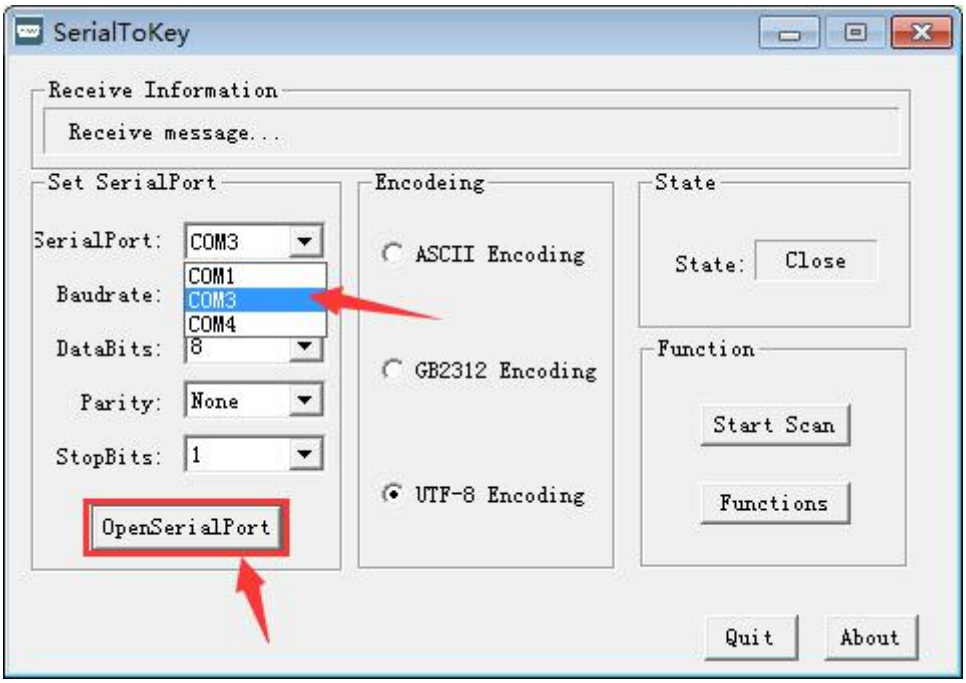
to help connection. Please download the software from our website (www.posunitech.com).



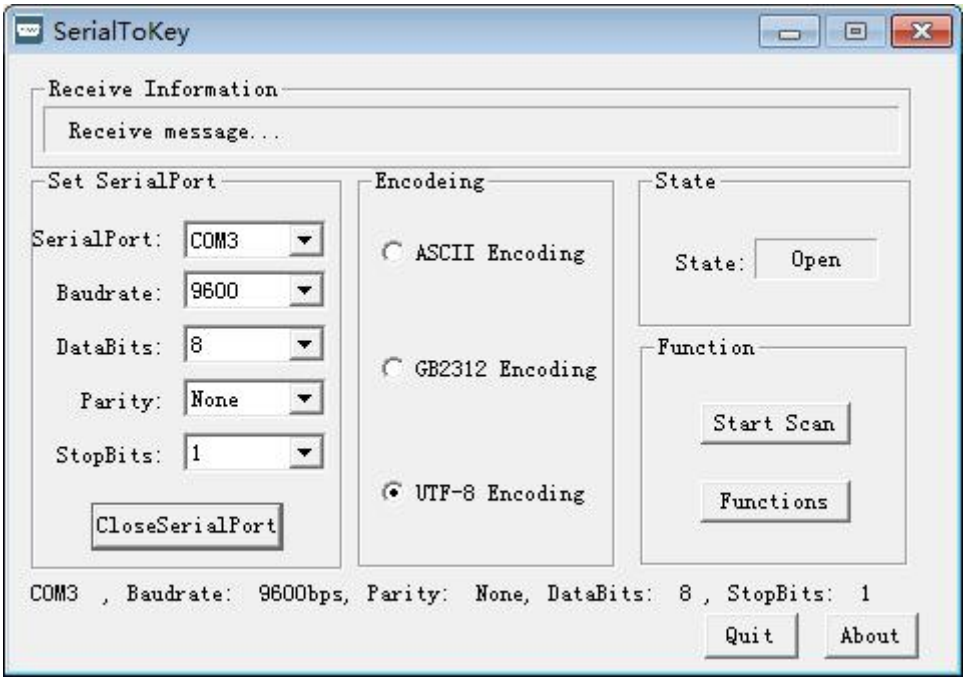
5.Turn on the software “SerialToKey”, it will show that “You are using software for the first time. Please connect the serial port manually!”, shown in the below picture. Please click OK.



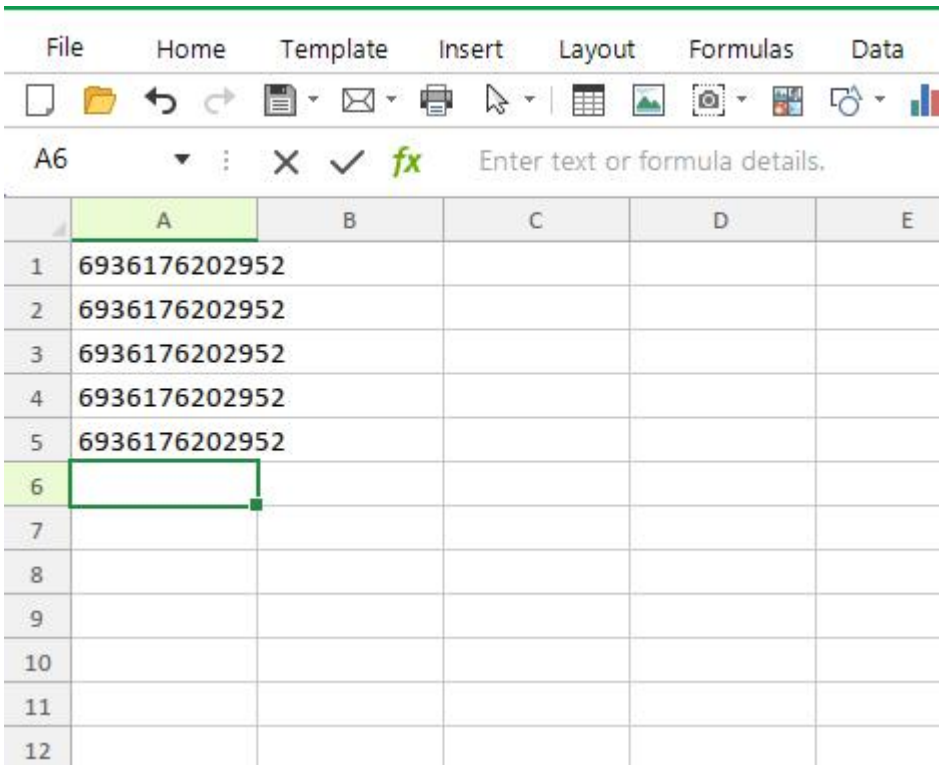
6. Please select opposite "SerialPort" number (for example: COM3), and click "OpenSerialPort".



7. Scanner blue LED light off when connection succeed.



8. Now you can open Notes/office files or other cursor blinking position, when scan a barcode by scanner, the data will transfer to the document.



◎ **HID Mode for Android**

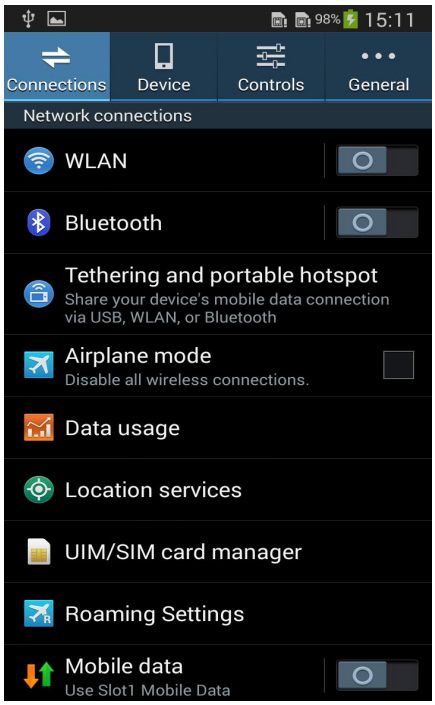
1.Turn on the barcode reader, and read below barcodes sequence, the blue LED will flash rapidly.

Bluetooth HID Mode

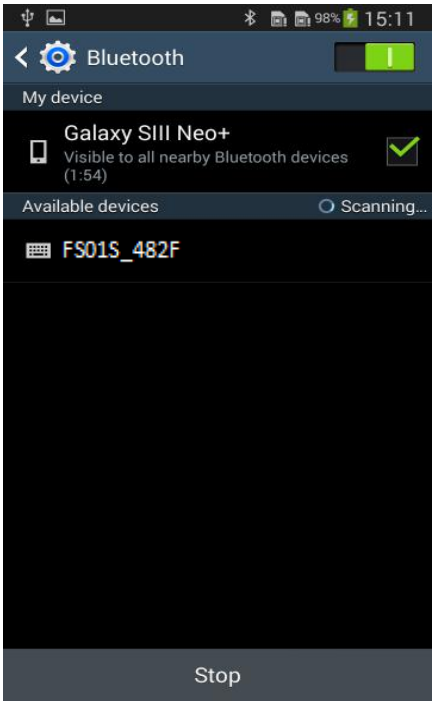
Bluetooth Pairing Mode

Bluetooth Output

2. Enable the bluetooth of Android device to pair with the barcode reader. Enable bluetooth in “The 1st” picture, and the Android device will automatically searching, shown in “The 2nd” picture.

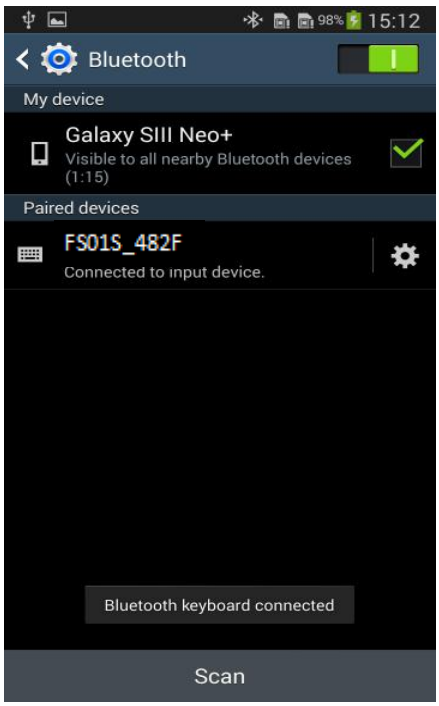


The 1st

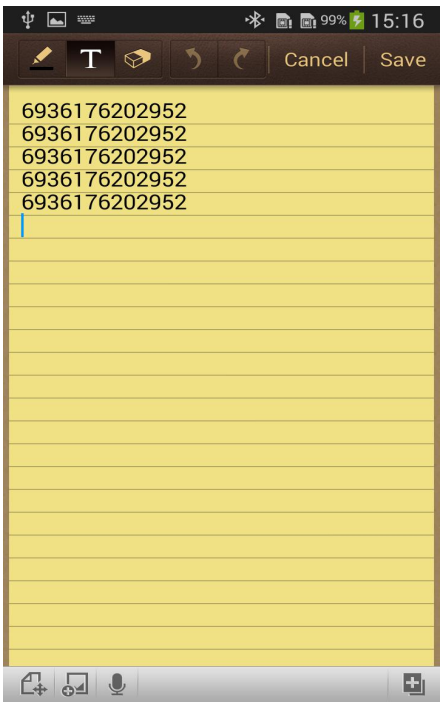


The 2nd

3. After the search is completed, click scanner's name (FS01S_482F) to connect, then "Bluetooth keyboard connected" will display on the soft keyboard, and the blue LED on the scanner will be off, the connection is successful, shown in "The 3rd" picture. Now, you can use it in Notes/office files or other cursor blinking position, shown in "The 4th" picture.



The 3rd



The 4th

◎ **SPP Mode for Android**

Due to some Android device can't support Bluetooth HID protocol very well. It can not connect bluetooth scanner with HID mode. In general, Android support SPP protocol very well.

1. Turn on the barcode reader, and read below barcodes sequence, the blue LED will flash slowly.

Bluetooth SPP Mode

Bluetooth Pairing Mode

Bluetooth Output

2. Please download the BIM (Bluetooth Input Method) to android device from our website, or get it from our sales, then install BIM. apk to your smartphone and run it. And then please follow the wizard to connect barcode scanner to finish the connection.

After the connection is successful, the blue LED on the scanner will be off.

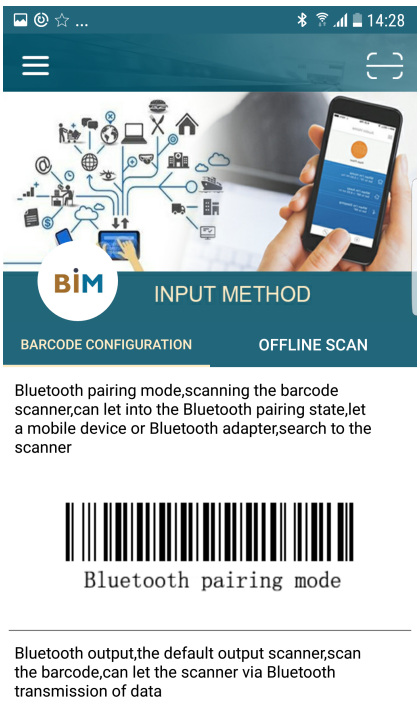
◎ **User manual for BIM (Bluetooth Input Method) in Android device**

(1) Please download the software BIM.apk from our website and install it to your smartphone, open the BIM, shown in “The 5th” picture.

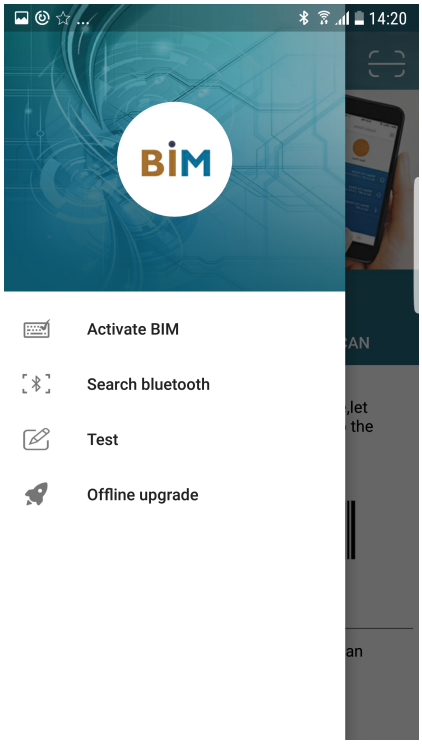
(2) Now you have two methods to connect scanner, please follow the steps below:

Way 1:

①Click the menu key in the upper left corner, complete the following steps in order in the pop-up window, shown in “The 6th” picture.



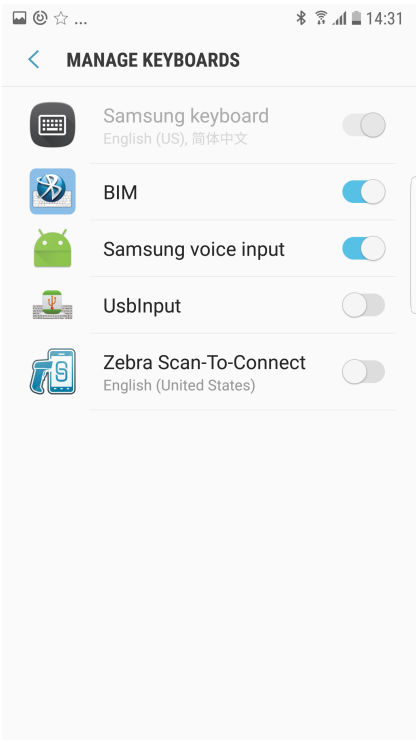
The 5th



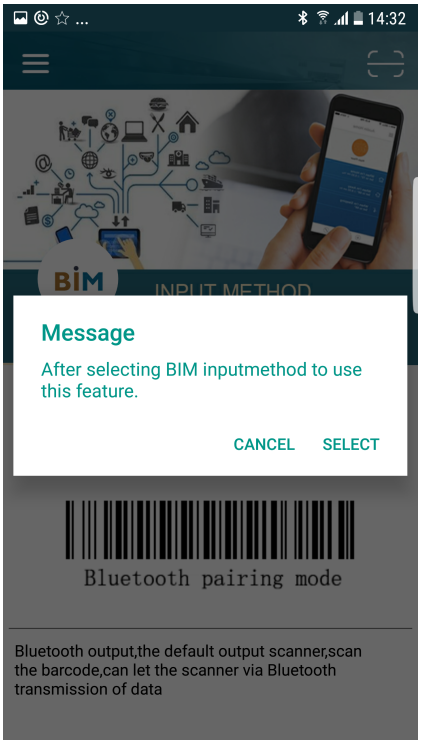
The 6th

②Click “Activate BIM”, and then add BIM input method in picture "the 7th".

③Click “Search bluetooth” in “The 6th” picture, shown as “The 8th” picture, please select inputmethod, click “SELECT”.

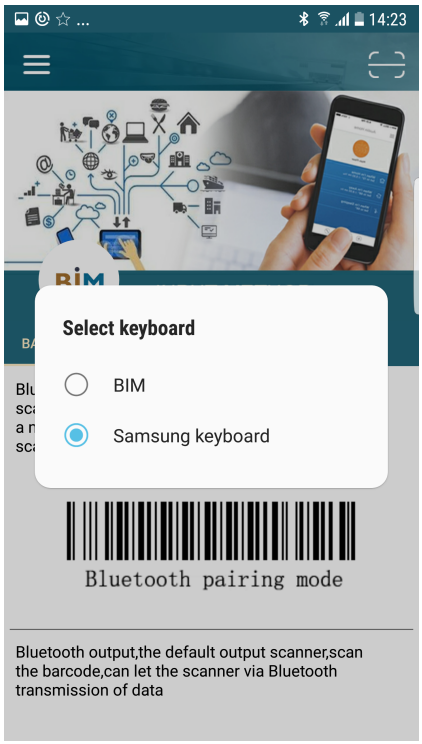


The 7th

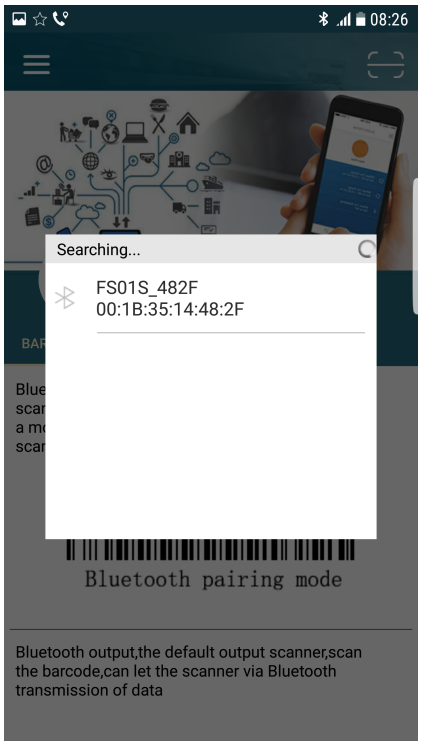


The 8th

④Choose the BIM in “The 9th” picture, and then the interface automatically pops up the Bluetooth search window, shown in “The 10th” picture, select scanner’s name to connect. The interface will pop up matching information (623222 is a randomly assigned password), click “PAIR” to complete the match, shown in “The 11th” picture.



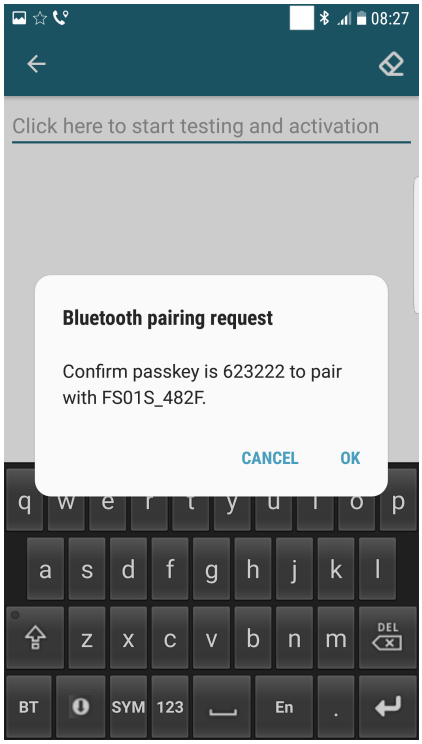
The 9th



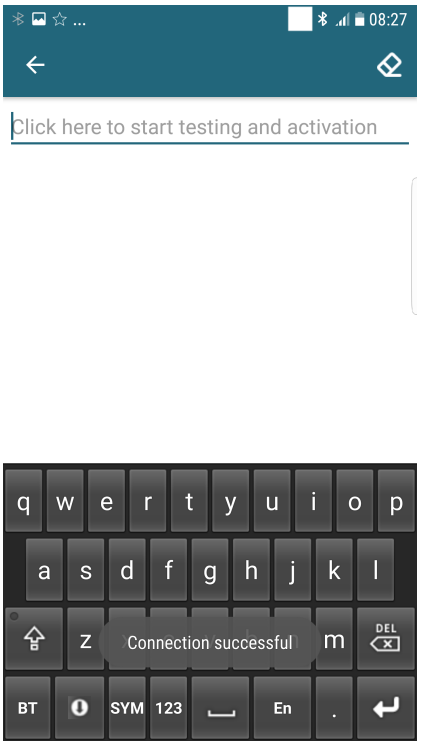
The 10th

⑤Connection successful! shown in “The 12th” picture. The blue LED on the scanner will be off.

Note: If the interface prompts for a pairing password, enter the password 1234 or 0000 for the connection.



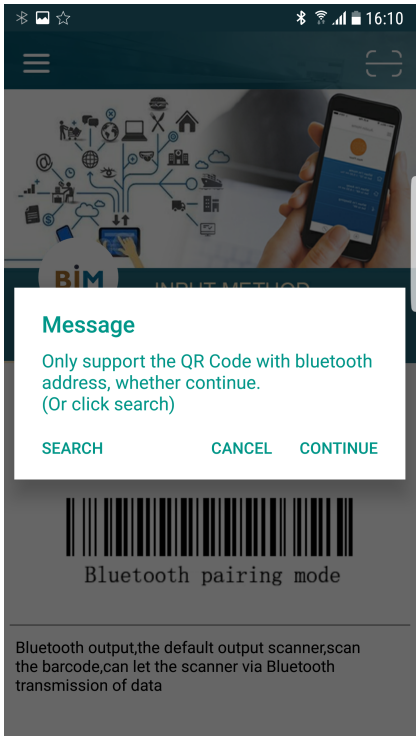
The 11th



The 12th

Way 2:

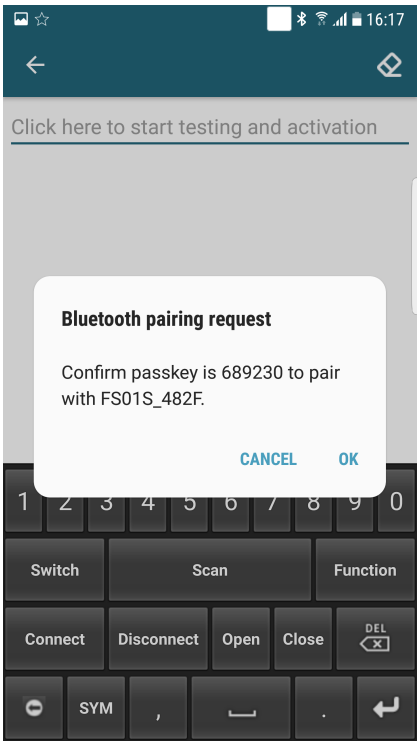
①If you have Bluetooth address two-dimensional code of a scanner, please click the scan frame in the upper right corner in “The 5th” picture, and click “CONTINUE” in “The 13th” picture. Please scan the Bluetooth address code, shown as “The 14th” picture.



The 13th

②The interface will pop up matching information, click “PAIR” to complete the match. Shown in “The 15th” picture.

The 14th

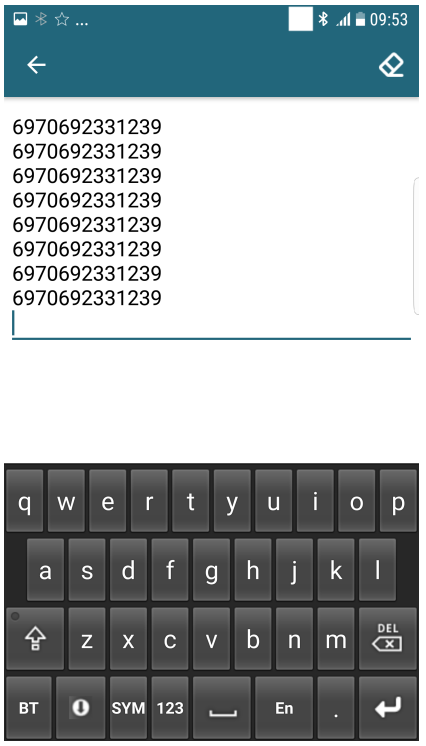


The 15th

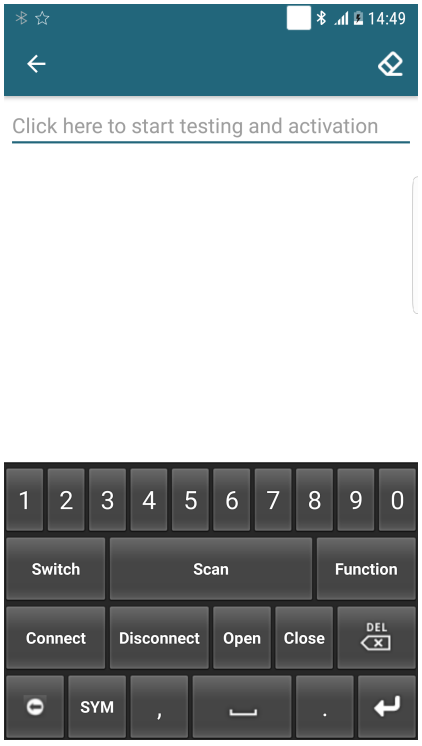
③It will show “Connection successful”, the blue LED on the scanner will be off. Now you can scan the barcode to the text box or notepad, word..., shown in “The 16th” picture.

Note: If it doesn’t connect automatically, click “BT” in “The 11th” picture, and click “Connect”.

(3) Click "BT" in the lower left corner, shown as “The 17th” picture, click “Open”/ “Close” to turn on / off the suspension button, you can click on the white circle to scan barcode. Click “Swith”, you can view all the scanners that have been paired, and replace the scanner at will.



The 16th

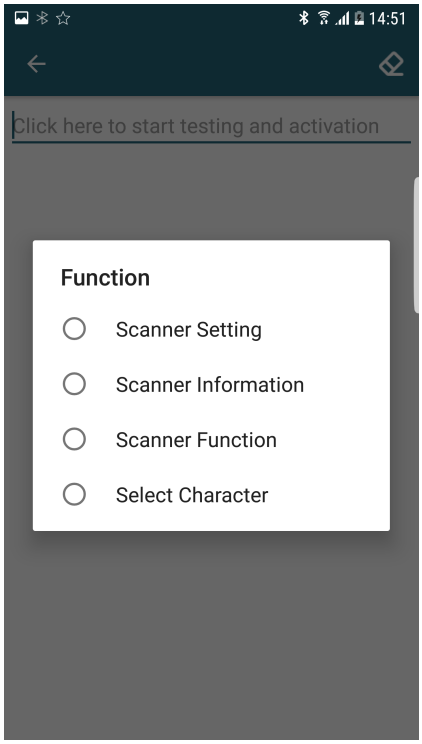


The 17th

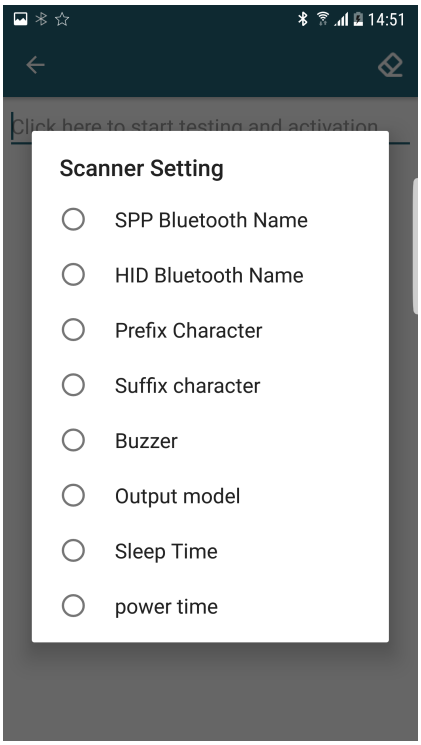
(4) You can configure the barcode reader via the “Function” in the picture “The 17th”.

(5) Click “Scanner Setting” in “The 18th” picture, you can set bluetooth name/prefix Character/suffix character/buzzer/output model and sleep time of the barcode reader, please check “The 19th” picture.

Note: When you configure the barcode reader, please make sure the scanner in active mode, the method is: click the scan button on the barcode reader every 2-3 seconds, but don’t read any barcodes.



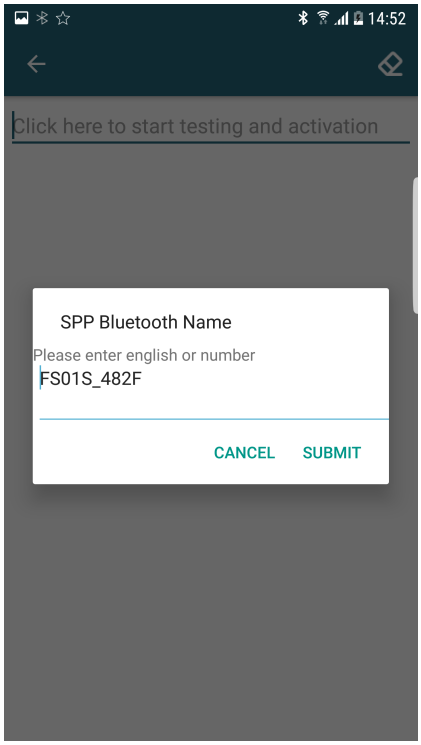
The 18th



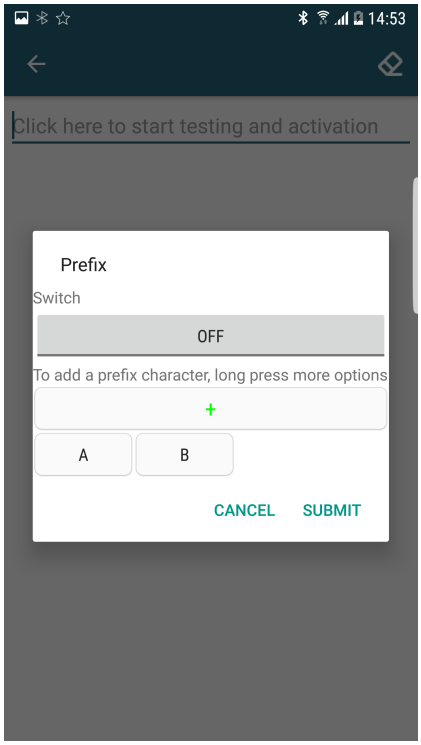
The 19th

(6) SPP Bluetooth Name: Click “SPP Bluetooth Name”, and enter the required set of Bluetooth name in the pop-up window, click “SUBMIT”, shown in “The 20th” picture.

(7) HID Bluetooth Name: The method is same as SPP Bluetooth Name.



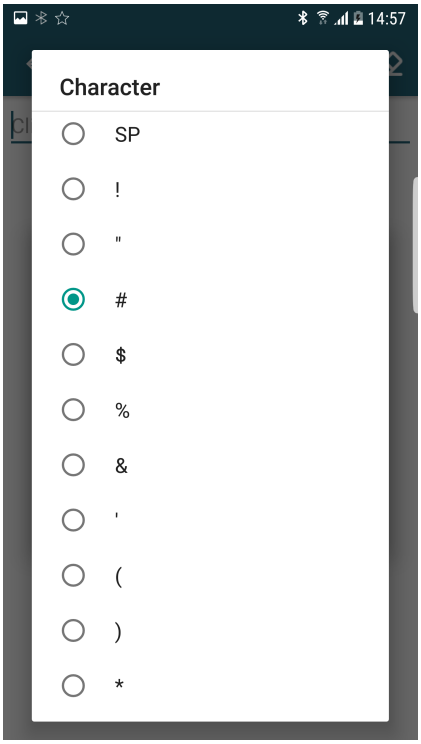
The 20th



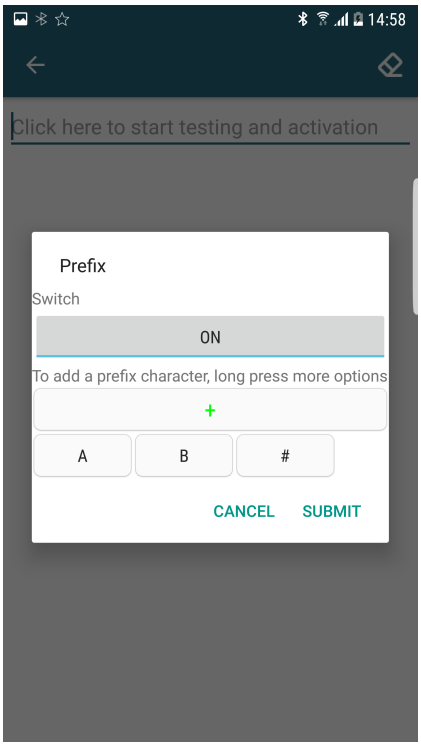
The 21th

(8) Prefix character: Please click “Prefix Character” option in “The 19th” picture, and click”+” in the pop-up window, shown in “The 21th” picture. Now click the text-box behind “A” “B”(**“A” “B”is default setting of the product, and you can press the character to delete it.)**.

Note: The prefix is turned off by default, please make sure the prefix is opened when setting the character.



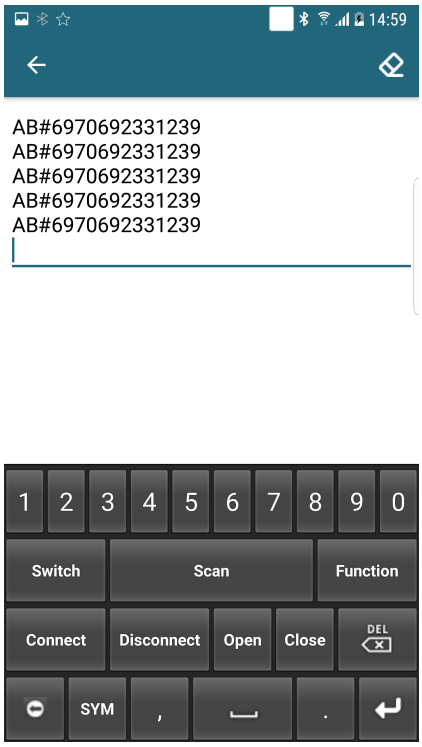
The 22th



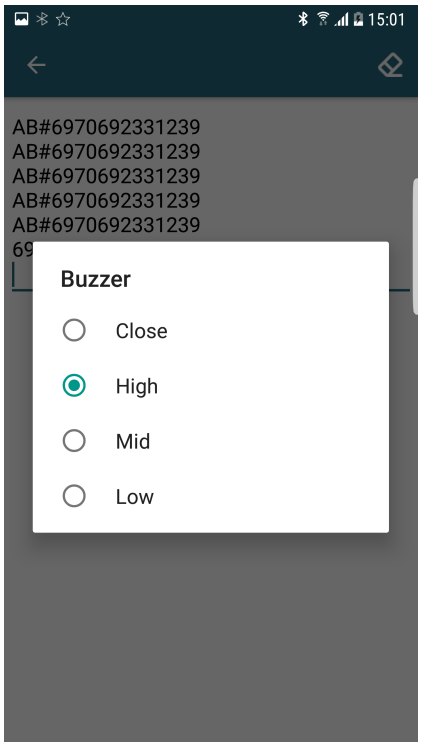
The 23th

(9) Choose the symbol required in picture “The 22th”, and **enable Prefix**, shown in “The 23th” picture, then click “SUBMIT”, the setting is finished. **The same method to set Suffix**. **Note: The default suffixes are CR and LF, please put your suffix in front of the default suffix.**

(10) Now you can scan a barcode, shown in “The 24th” picture.



The 24th

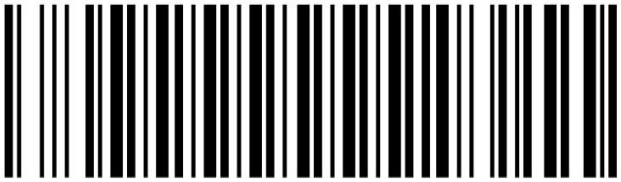


The 25th

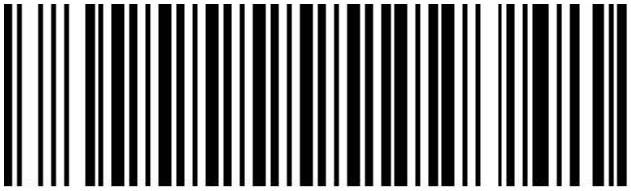
(11) Buzzer: Click " Buzzer", and choose Volume required, shown in "The 25th" picture.

● USB Mode

If you need to use a USB cable to connect the scanner, you need to set the output mode to USB mode. Please scan the barcode "**USB Mode①**" and "**USB mode②**".



USB Mode ①

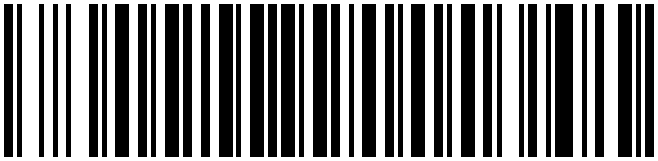


USB Mode ②

● Offline Mode

You can use offline upload functionality, barcode data stored in the scanner can be uploaded to your smartphone or computer via Bluetooth or USB.
Concrete implementation steps:
1. **Scan "Start offline state①" and "Start Offline state②"** barcodes as shown below to enter the offline scanning. The data you scanned will be stored in the scanning device.

Start Offline State①



Start Offline State②

2. The customer can connect to the computer through USB or Bluetooth interface or data terminal to upload the data. If customers need to save the data stored in the file, open Note pad or similar software to enter the data. If the customer wants to store data in a custom application (such as submitted the barcode data into a application), refer the customer to the insertion point where you want to enter the data in the dialog box. Then barcode data entry and online scanning are in the same way. Customers can choose different speed to upload the data according to your application. There are three different speeds for you: fast speed, middle speed and slow speed upload.
(1) Fast upload means upload data without time interval;
(2) Middle speed is to upload data the interval of 1 second;
(3) Slow upload refers to each interval of 3 seconds to upload the data.

Fast Upload

Middle Upload

Slow Upload

3. The customer can also scan the “Statistical number of stores” barcode to view the number of stored barcode.

Statistical Number of Stores

4. After the upload data, related applications will store the uploaded data. If the data stored in scanner needs to clear, please scan the barcode below to clear the data.

Clear the Storage

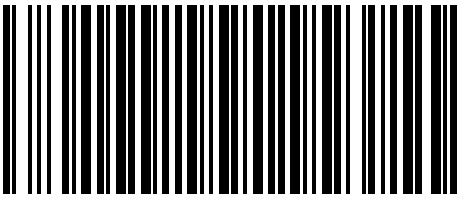
5. After the above steps, scan “Stop offline state” barcode, ending the offline scanning stored procedure.

Stop Offline State

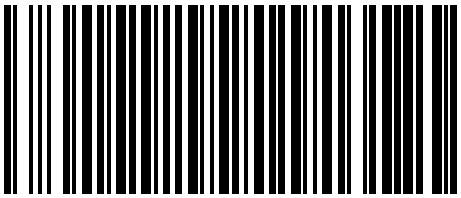
● Language Settings

It supports switching languages in USB mode and Bluetooth mode. Please scan the barcodes below, and switch the computer keyboard language to the same.

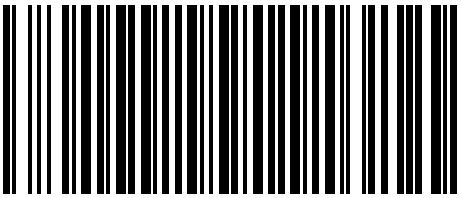
◎ Bluetooth mode (HID Mode only)



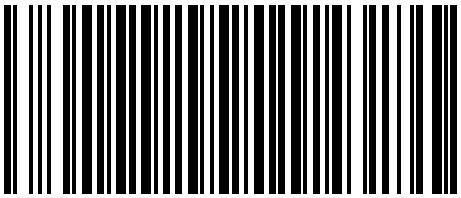
USA



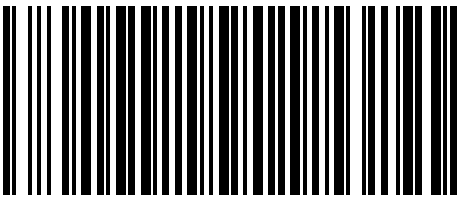
Turkish F



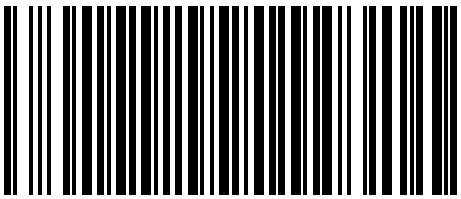
Turkish Q



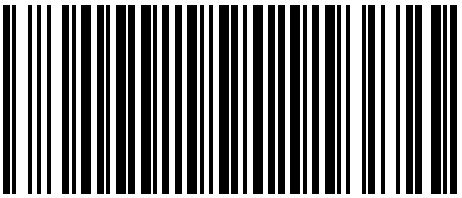
French



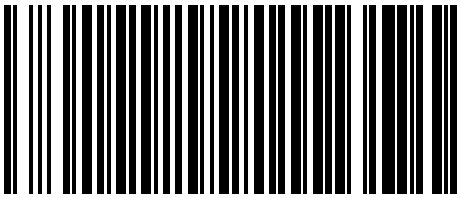
Italian



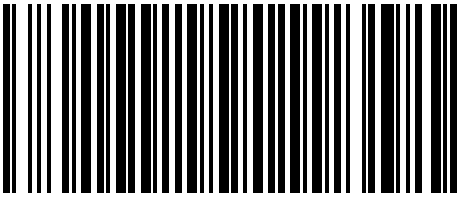
Spanish



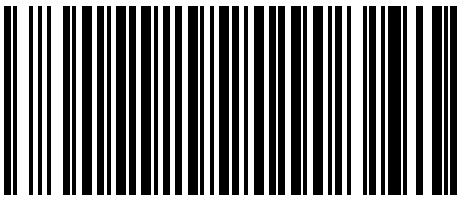
Slovak



Denmark



Japan



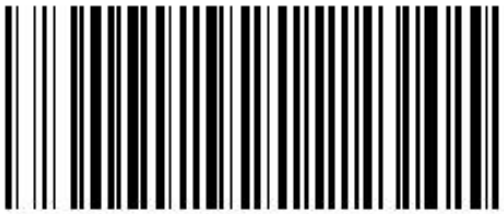
German

◎ USB mode

USA

French

German



Italy

Spanish

● Prefix and Suffix Setting

Read the barcode “Set Prefix” or “Set Suffix” below, and scan the hexadecimal number corresponding according to the ASCII table, and then, scan X as ending. Please refer to Numeric barcode.

For example: Add the prefix “ # ”
The steps:

1. Turn on the barcode reader, and read the barcode “Set Prefix”.

2. In the ASCII table, the hexadecimal number is 23 for “#”, scan the 2 , 3 and X in the numeric barcode.

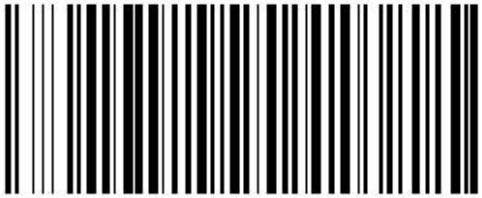
3. Scan the barcode “Enable Prefix”, and then connect the scanner with computer through “USB output mode”(or modes as needed).

4. The setting is finished (the same method to suffix setting).

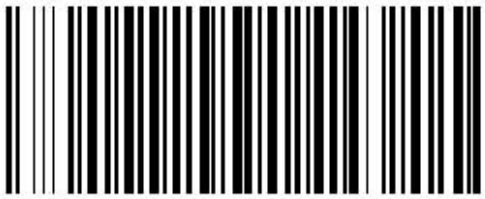
Note: If you need to set multiple suffixes, scan the numeric bars in sequence, and finally scan "X". Please put "CR" and "LF" in the suffix, otherwise the scanned data will not automatically jump to the next line.

Set Prefix

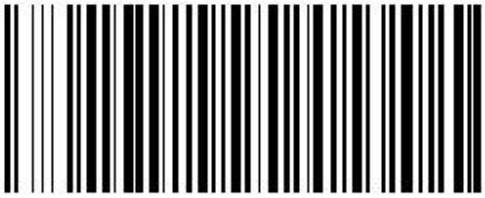
Set Suffix



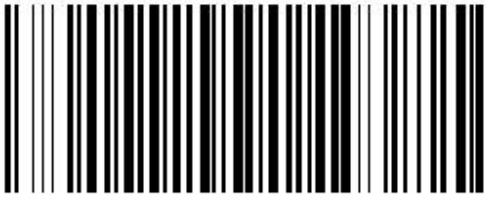
Enable Prefix



Disable Prefix



Enable Suffix



Disable Suffix

◎ Numeric Barcode for Settings

1

2

3

4

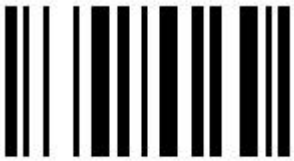
5

6

7

8

9



0

X

A

B

C

D

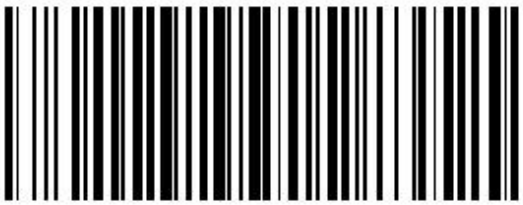
E

F

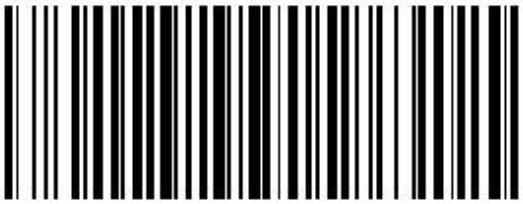
● Buzzer Volume Setting

Beep Off

Beep High

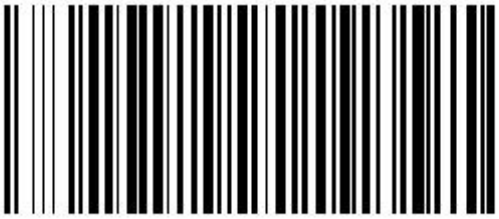


Beep Middle

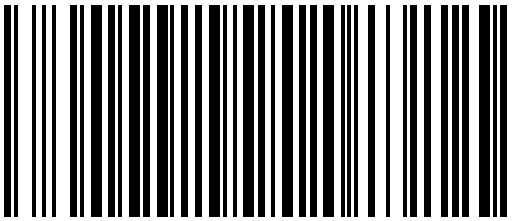


Beep Low

● Other Settings



Restore Default Settings



Bluetooth Initialization

● Barcode Settings

The barcode scanner can read different type of barcode, please follow the steps below.

For example: Enable UPC-A

The steps: 1. Please read the barcode “Set up”.

2. Read the barcode “1101”.

3. Scan the numeric barcode 0 and 1.

4. Scan the barcode “End”.

Set up	End

Barcode name	Parameter name	Para. option	Para. value
UPC-A	1101	Disable Enable	00 01*
UPC-E	1201	Disable Enable	00 01*
UPC-E1	3401	Disable Enable	00 01*
EAN-13(ISBN/ISSN)	1301	Disable Enable	00 01*
EAN-8	1401	Disable Enable	00 01*
Code 39 **（code 32，Trioptic Code 39）**	1501	Disable Enable	00 01*
Interleaved 2 of 5	1601	Disable Enable	00 01*
Industrial 2 of 5	1701	Disable Enable	00* 01
Matrix 2 of 5	1801	Disable Enable	00 01*
Codebar	1901	Disable Enable	00 01*
Code 128	2001	Disable Enable	00 01*
UCC/EAN 128	2501	Disable Enable	00 01*
ISBT 128	3301	Disable Enable	00 01*

Code 93	2 1 0 1	Disable Enable	00 01*
Code 11	2 2 0 1	Disable Enable	00* 01
MSI/Plessey	2 3 0 1	Disable Enable	00* 01
UK/Plessey	2 4 0 1	Disable Enable	00 01*
China Post	2 6 0 1	Disable Enable	00 01*
GS1 DataBar (GS1 DataBar Truncated)	2 7 0 1	Disable Enable	00 01*
GS1 DataBar Limited	2 8 0 1	Disable Enable	00 01*
GS1 DataBar Expanded	2 9 0 1	Disable Enable	00 01*