

# Bluetooth Barcode Scanner Manual

## Package list

- 1 X bluetooth scanner
- 1 Xgray charging cable (only for charging)
- 1 X bluetooth adapter (only used for computer that do not have Bluetooth capability)
- 1 X CSR 4.0 bluetooth driver (only used for computer that do not equipped with Bluetooth driver)

## Specifications

Frequency : Bluetooth	Charging supply : 5V-500mA
Distance : 10m/33ft	Standby : zero standby
storage : 64K=2000 bar code	Battery: 3.7V-1500mAh
Scanning type : bi-directional	Light source : 650nm LD
CPU : ARM 32-bit Cortex	Trigger Mode : Button , Auto-Induction
Printing Contract : >25%	Indication : Buzzer & LED
Resolution : 3.3mil	Scanning width : 30cm
Decoding speed : 260scans/sec	Bit error rate :1/5million ,1/20million
Dept h	3.3mil
Of Field	10mil
	15.6mil
	35mil
Scanning angle : rotor angel±30° , inclination± 45° , declination ± 60°	2mm-100mm
Anti inference : industrial lighting or sun will not make any difference	2mm-350mm
Decoding Capability : UPC/EAN、with complementary UPC/EAN、Code128、Code39、Code 39Full ASCII、Coda bar、industrial /Interleaved 2 of 5	5mm-600mm
Code93、MSI、Code11、ISBN、ISSN、China post、etc	10mm-1000mm
Button life : 8000,000 times	laser life : 12000 hours
Drop test : 2.0m	
Certificate : CE , FCC , RoHS , IP54	

## Charging

Please ensure that the scanner has enough power before start using it. If the scanner is run out of battery, the buzzer will ring three "drop drop drop". And the scanner will shut down automatically. At this time, please stop scanning and charge the scanner by supplied gray usb cable

## How to use

### 1/ Pairing Guidance with Bluetooth-enable iphone / ipad

**Step 1.** Press the button to wake the scanner, the scanner will beep fast "di di di" and the green light will turn on.

**Step 2.** Scan the following 'Match' bar code, till blue light and red light flashing at the same time, which means the scanner is under matching mode.



Match

**Step 3.** Enabling Bluetooth on your device, Tap the On/Off toggle if it's gray to turn it on. Till finding "**General Bluetooth HID Barcode Scanner**", and click it to begin Bluetooth pairing.

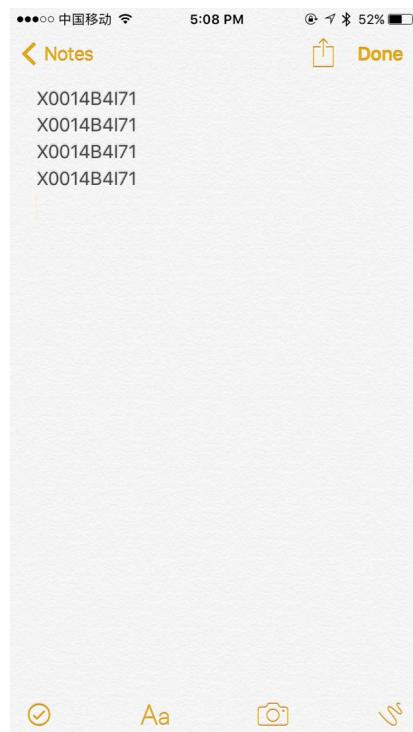


**Step 4.** Wait a few seconds, the red light will be off and the blue light keep lighting, and the buzzer range “di di” , this means Bluetooth pairing successfully.



**Step 5. To test whether the barcode can be uploaded**

run Text,WORD or EXCEL,put the cursor in, and then scan any barcode to see if the barcode can be uploaded to the place where the cussor is in .



**Step 6. Scan the following code to Active or Hide the Input Method (only use for ipad / iphone)**

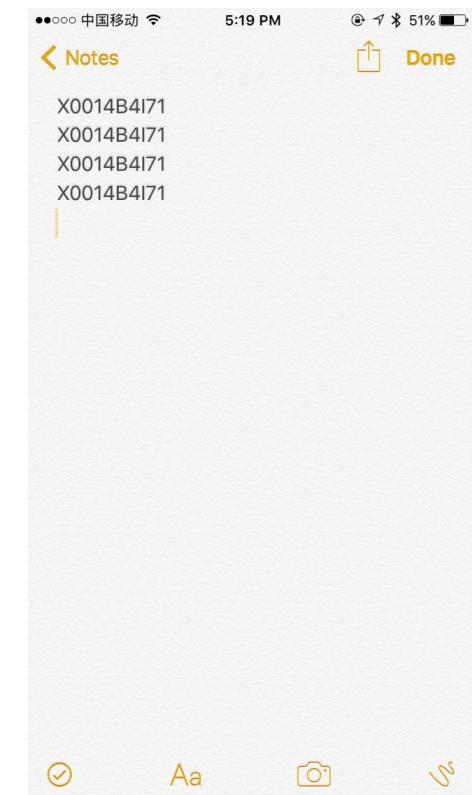
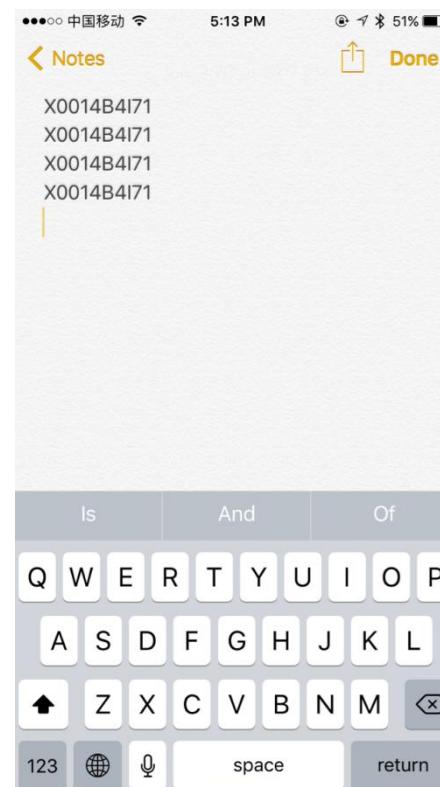


Double click button to Show and hide IOSkeyboard

double click Power key quickly, it will active the soft keypad.

double click Power key quickly again, the soft keypad will hide.

It is shown as following:



## Note:

Not connected status: Only the green indicator light is on

Under matching mode:The green indicator light is on ,the red light and the blue light is flashing.

Connected status:the buzzer range "di di" The red light goes out, the green light and blue light is on.

## Question 1

when the red indicator light goes out ,the blue light and the green light is on.it meas that the scanner is successfully paired with your device. but the barcode does not appear in the location of cursor

## Solution

1.The scanner maybe set to storage mode or SPP Mode.

Please scan the following code in order to reset it :

- 1) "restore default"
- 2) "①UART 9600 , NO , 8 , 1"
- 3) "Instant upload mode"
- 4) "HID mode"

2. The possib reason is that the setting is off by default , for some barcode types are not commonly used.

Please go to page ?? activate a specific barcode type to get it to work .

Or please contact our customer service at [natamo@126.com](mailto:natamo@126.com) for further assistance if you do not know the exact type of barcode that you are referring to

## Question 2

It working intermittently,the scanner always turns into automatic sleep.

## Solution

Default sleep time is 30 secinds,You could set idle interval out to be 10minutes ,when it's idle exceeding 10 minutes,the scanner will enter into sleep mode. or you could set it into no sleep mode.

## 2 / Pairing Guidance with Bluetooth-enable android phone

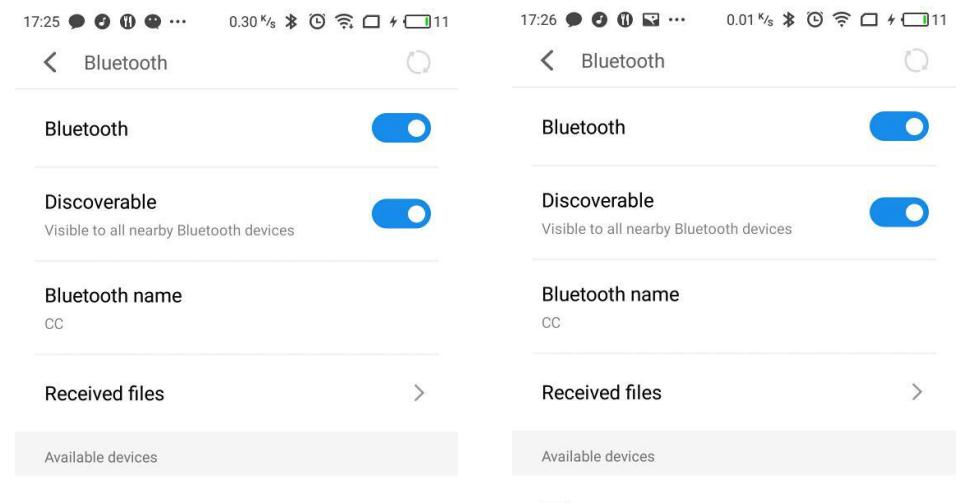
**Step 1.** Press the button to wake the scanner, the scanner will beep fast "di di di" and the green light will turn on.

**Step 2.** Scan the following 'Match' bar code,till blue light and red light flashing at the same time, which means the scanner is under matching mode.

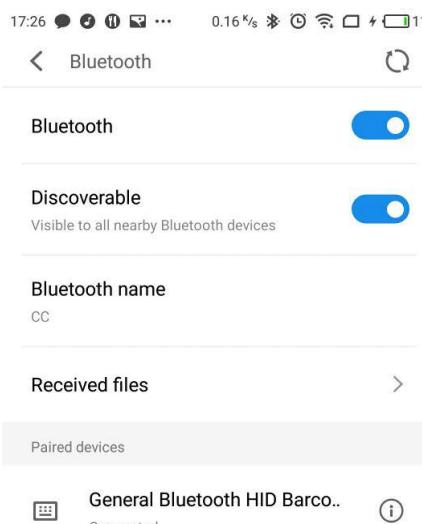


Match

**Step 3.** Enabling Bluetooth on your device, Tap the On/Off toggle if it's gray to turn it on.Till finding "**General Bluetooth HID Barcode Scanner**" , and click it to begin Bluetooth pairing.

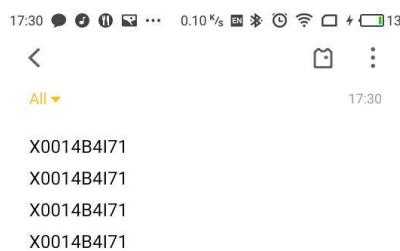


**Step 4.** Wait a few seconds, the red light will be off and the blue light keep lighting, and the buzzer range “di di” , this means Bluetooth pairing successfully.



#### **Step 5. To test whether the barcode can be uploaded**

run Text,WORD or EXCEL,put the cursor in, and then scan any barcode to see if the barcode can be uploaded to the place where the cussor is in .



#### **Step 6. Active or Hide the Input Method ( for android phone )**

1) Install the CILICO Bluetooth barcode input method" APP (Please contact us at natamo@126.com for the APP) and set up the Input Method

Step 1). Tap the “Continue”

17:42 0.63 Ks 11



CILICO Bluetooth Barcode Inpu..

Version: 1.3.4

No Known Risks Detected

For the security of your phone and personal information, please do not install apps from unknown sources.

Cancel

Continue

Step 2). tap the “Install”

14:05 0.04 Ks 18



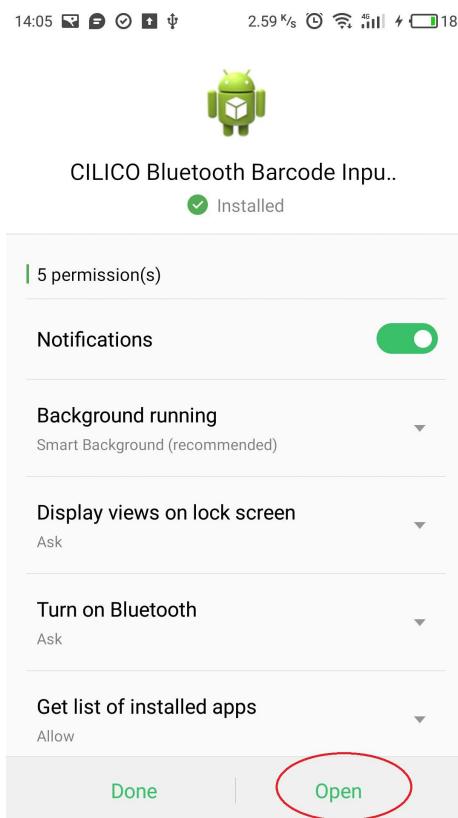
CILICO Bluetooth Barcode Inpu..

Version: 1.3.4

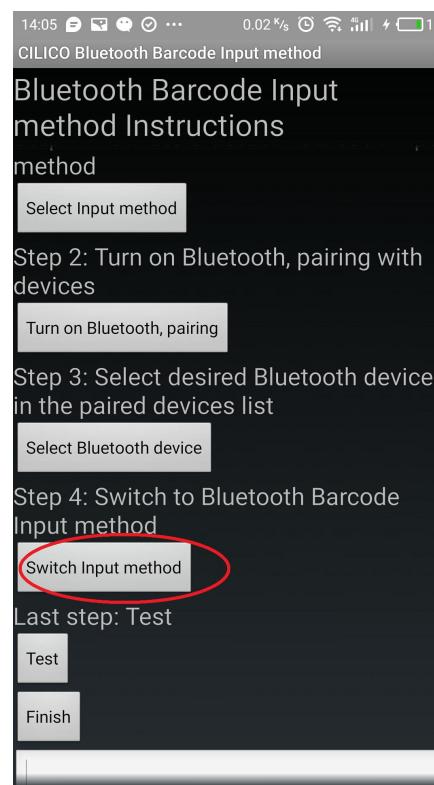
Install this app? It may request access to:

- Bluetooth  
Access Bluetooth settings  
Pair with Bluetooth devices
- Affects Battery  
Control vibration

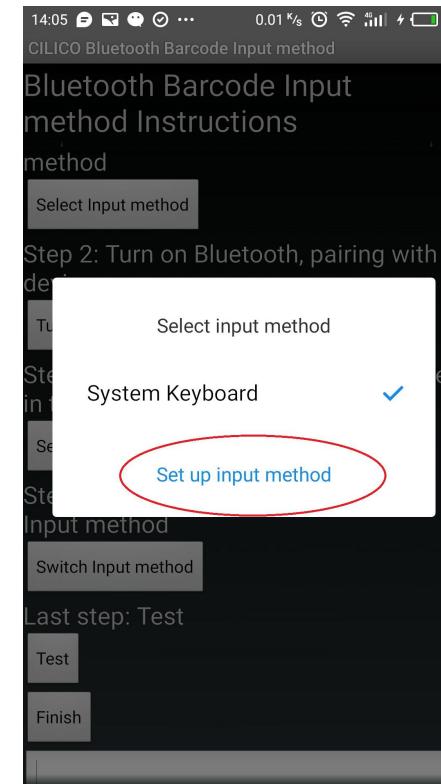
Step 3). Tap the "open"



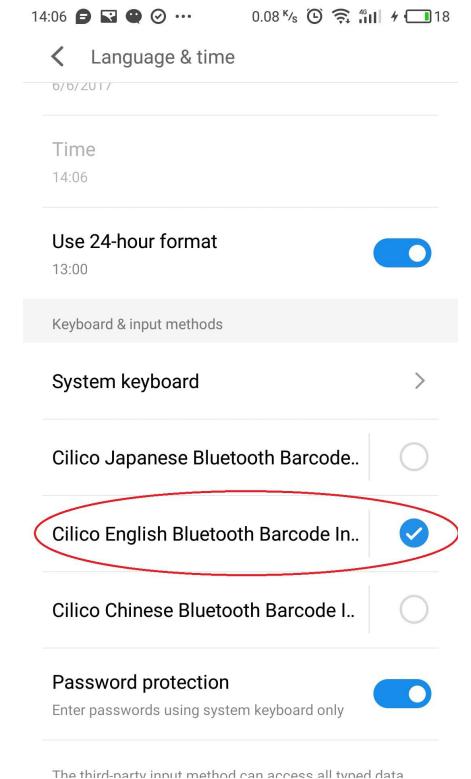
Step 4).Tap the "switch input method"



Step 5). Tap "set up input method"

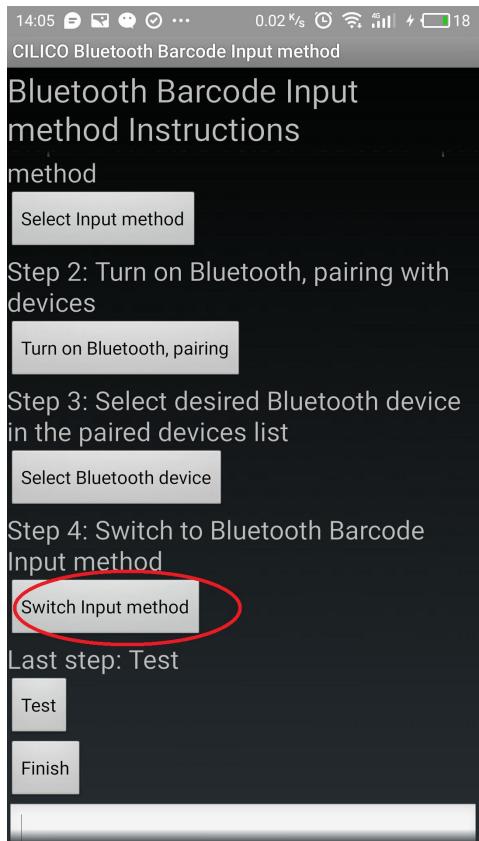


Step 6). Click "Cilico English bleutooth..."

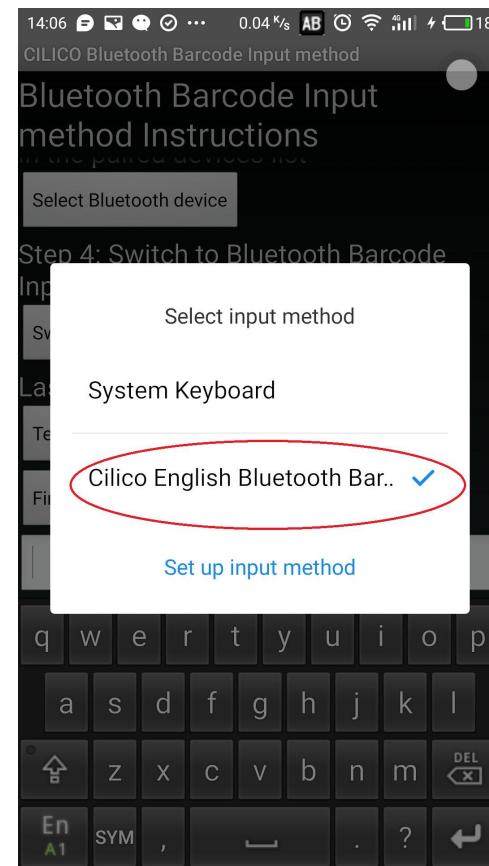


2) Exit and reopen the app

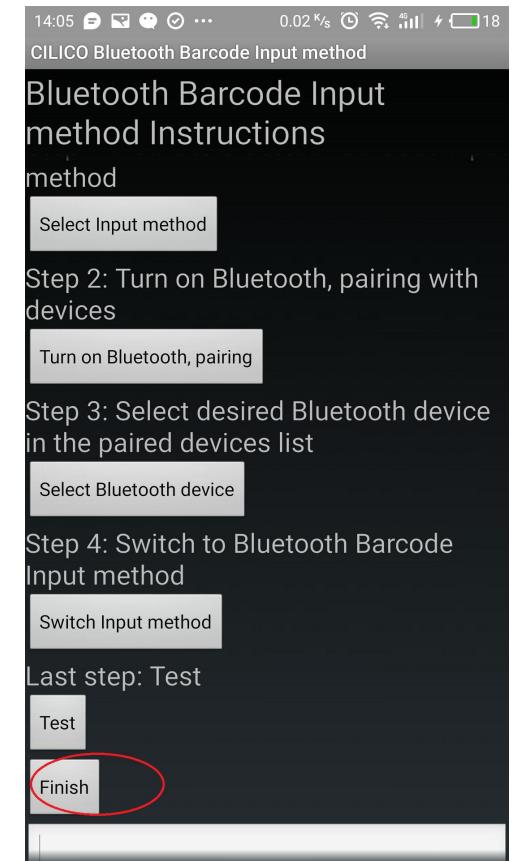
Step 1).,tap the "switch input method"



Step 2).Select "Cilico English ...."



Step 3) . Tap "finish"



3) After the above settings, click on any text input box, Android device can automatically pop up the virtual keyboard



< > ⋮

X0014B4I71

X0014D4171

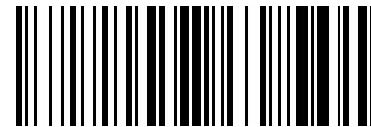
X0014B4171

X0014B4171

### **3/ Pairing Guidance with mac OS**

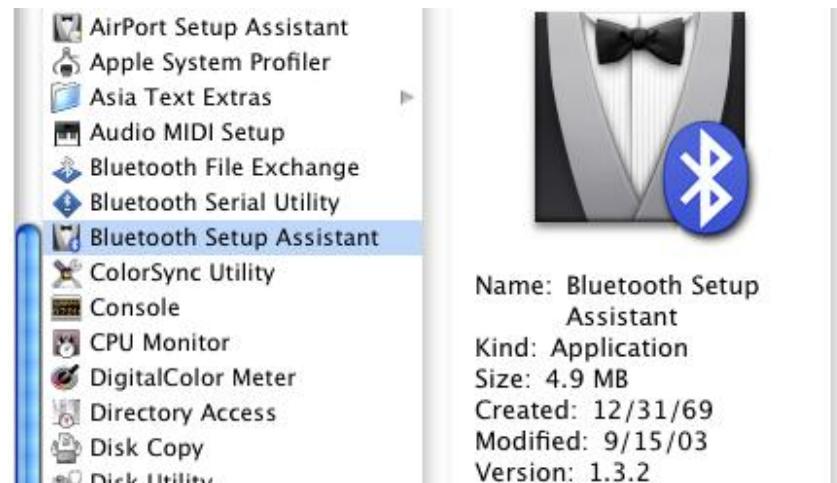
**Step 1.** Press the button to wake the scanner, the scanner will beep fast "di di di" and the green light will turn on.

**Step 2.** Scan the following 'Match' bar code, till blue light and red light flashing at the same time, which means the scanner is under matching mode.



## Match

### **Step 3.** run "Bluetooth Setup Assistant" on mac

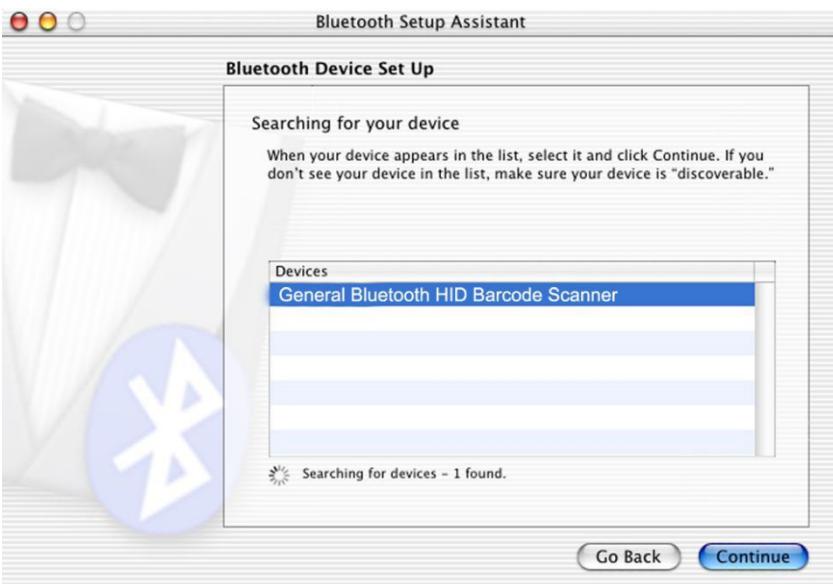


**Step 4** Click "Continue" at the welcome dialog.

**Step 5** At the "Select Device Type" dialog, choose "Other Device" and click "Continue"



**Step 6** at the "Bluetooth Device Set Up" dialog, choose the device, and click "Continue".



**Step 7** From the next dialog,choose the no passkey,

**Step 8 To test whether the barcode can be uploaded**

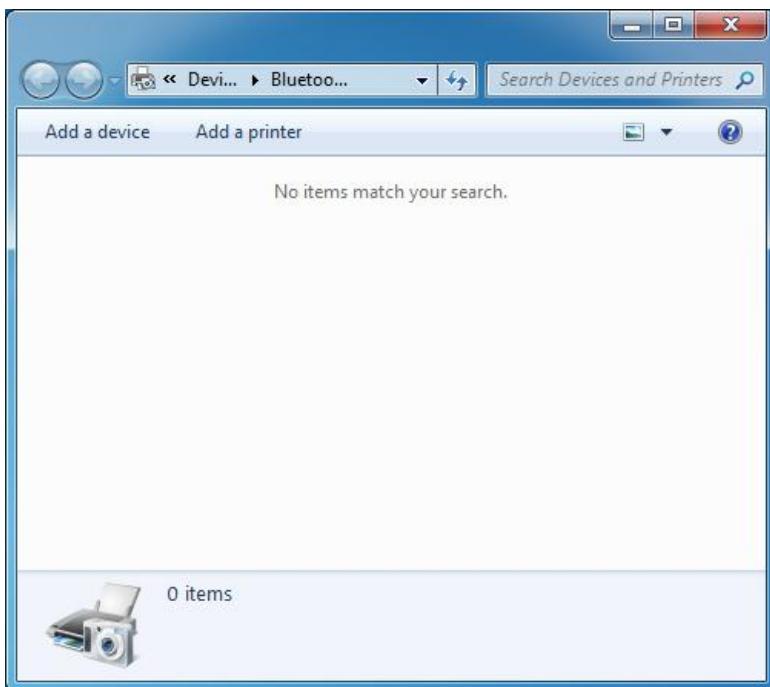
the red light will be off and the blue light keep lighting, and the buzzer range "di di" , this means Bluetooth pairing successfully. Then run Text,WORD or EXCEL,put the cursor in, and then scan any barcode to see if the barcode can be uploaded to the place where the cussor is in .

#### 4 / Pairing Guidance with Bluetooth-enable Laptop

**Step 1.** Enabling Bluetooth on your Laptop,Bluetooth device icon appears on the system tray.



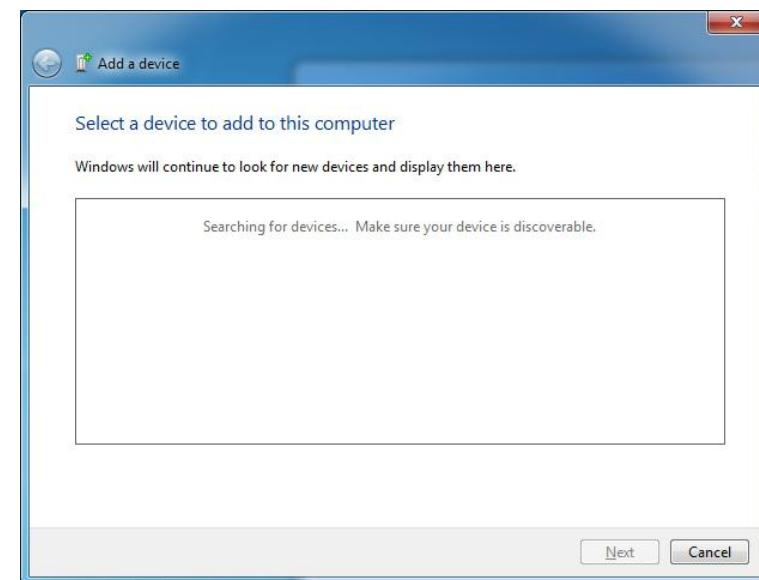
**Step 2.** Double-click the Bluetooth icon, Bluetooth Devices window screen appears,



(or right click the Bluetooth device icon),



**Step 3.** Then click 'Add a Device' , the screen appears.



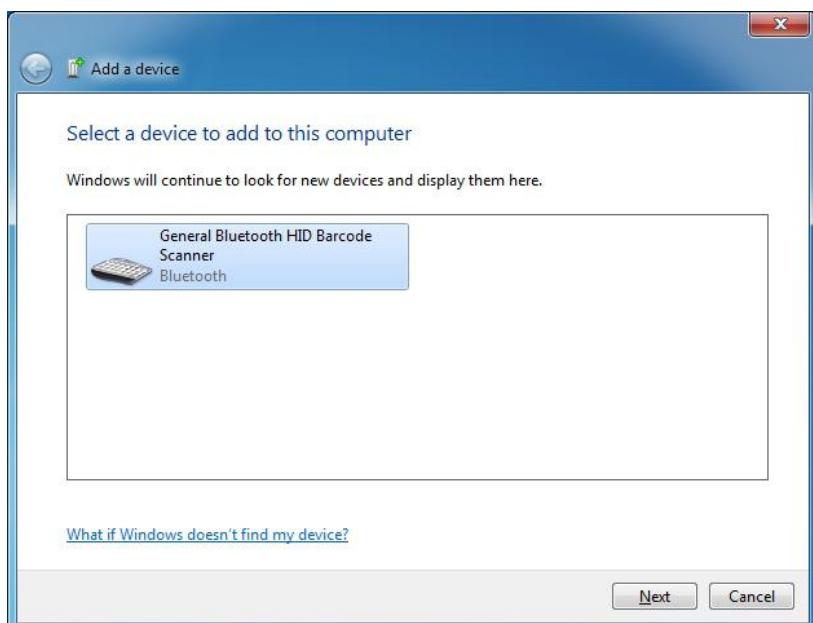
**Step 4.** Scan the 'Match' bar code,till blue light and red light flashing at the same time, which means the scanner is under matching mode.



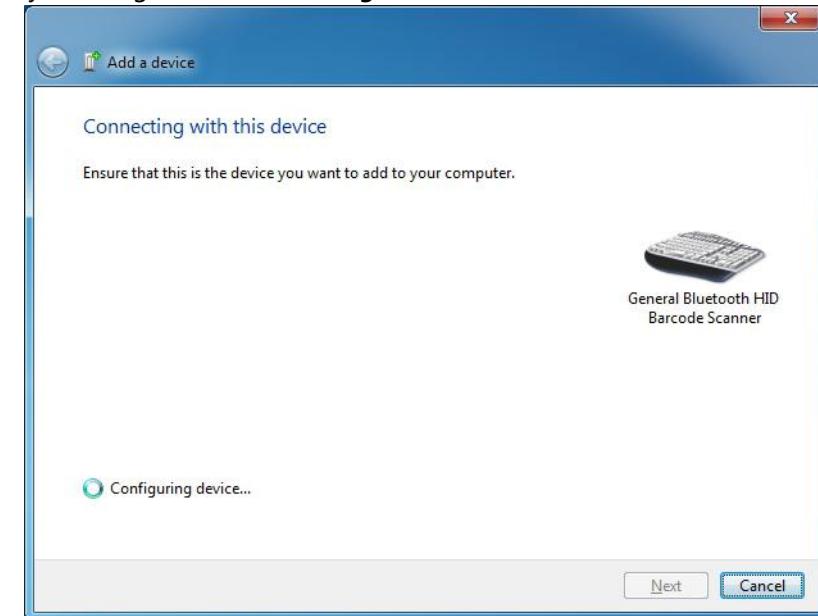
Then windows keep finding new devices till following screen appears



**Step 5.** Click to choose the '**General Bluetooth HID Barcode Scanner**' , and click 'Next' ,



System begin to '**Connecting with this device**' ,



Wait a few seconds, till '**This device has been successfully added to this computer**' appears, and then click 'Close' .



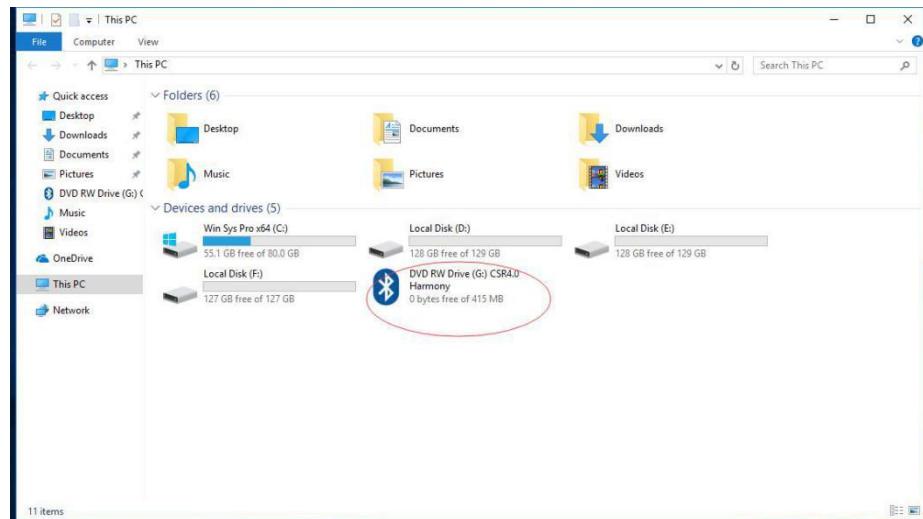
## Step 6. To test whether the barcode can be uploaded

After pairing successfully, the red light will be off and the blue light keep lighting, and the scanner rang “di di.” Then run Text, WORD or EXCEL, put the cursor in, and then scan any barcode to see if the barcode can be uploaded to the place where the cursor is in .

## 5/ Pairing Guidance with computer without Bluetooth function

You need to install the bluetooth driver first.

Step 1. put the disc in your computer, -



DVD RW Drive (G:) CSR4.0  
Harmony  
0 bytes free of 415 MB

Double-click to Install CSR 4.0 driver,

## Choose the language



System begins to **install bluetooth driver** till installation successful.

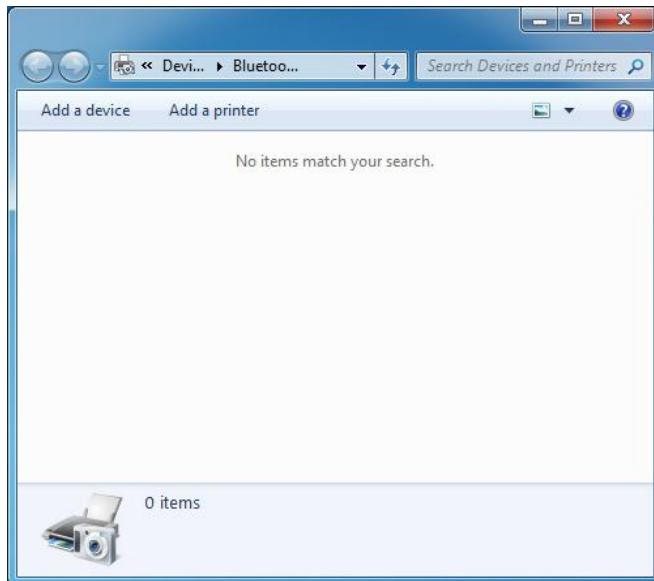


(if this does not work,please contact us at  
[burnfree@126.com](mailto:burnfree@126.com), or  
[natamo@126.com](mailto:natamo@126.com) . we will send you the CSR 4.0 driver)

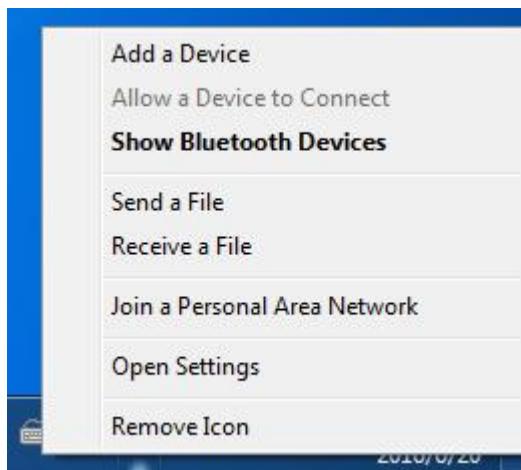
**Step 2.** Insert the Bluetooth adapter to PC' s USB port, Bluetooth device icon appears on the system tray.



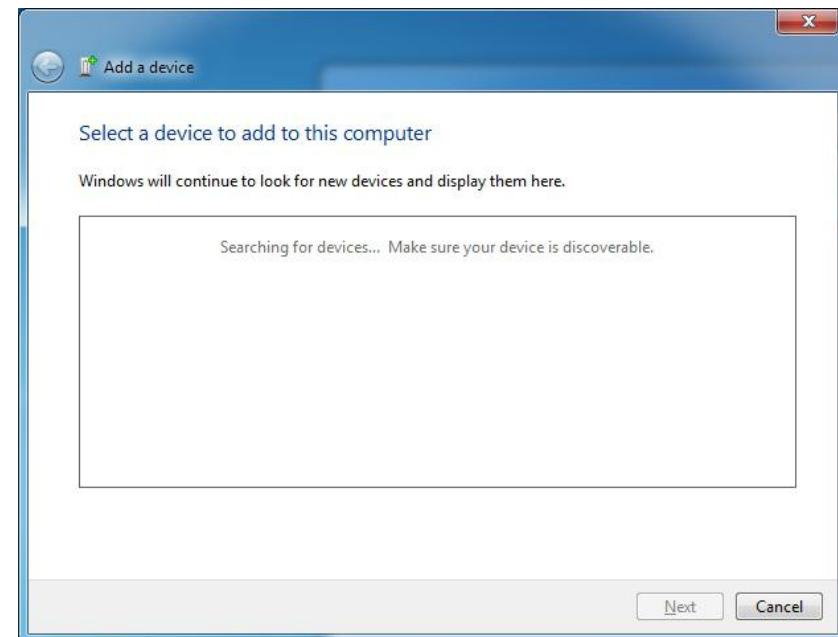
**Step 3.** Double-click the Bluetooth icon, Bluetooth Devices window screen appears,



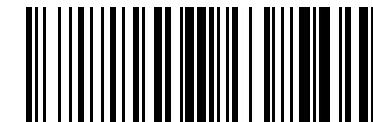
(or right click the Bluetooth device icon),



Then click 'Add a Device' and choose the the "keyboard, the screen appears.

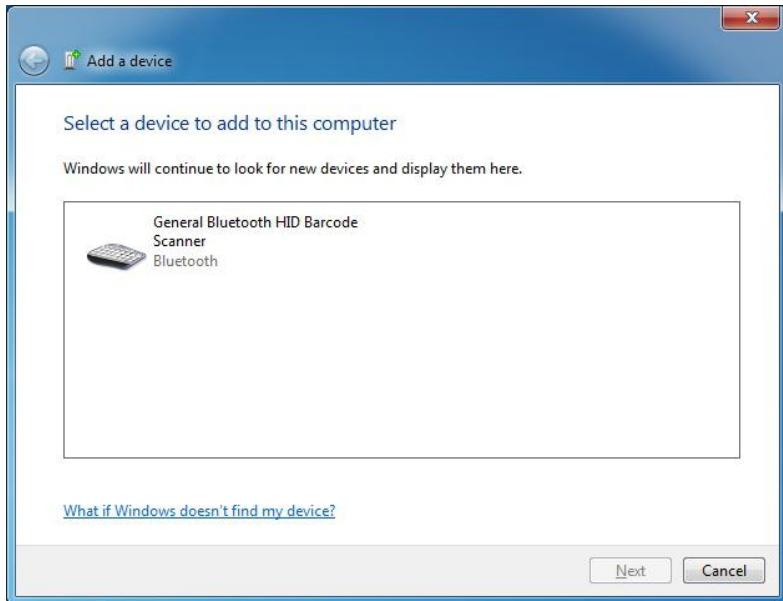


**Step 4.** Scan the 'Match' bar code,till blue light and red light flashing at the same time, which means the scanner is under matching mode.



Till blue light and red light flashing at the same time, which means the scanner is under matching mode.

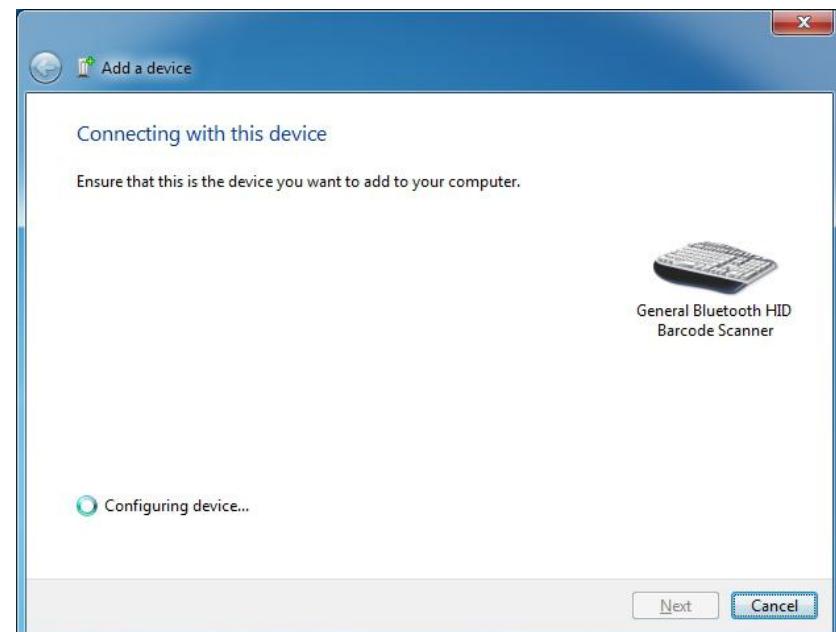
Then windows keep finding new devices till following screen appears



**Step 5.** Click to choose the '**General Bluetooth HID Barcode Scanner**' , and click 'Next' ,



System begin to '**Connecting with this device**' ,



Wait a few seconds, till '***This device has been successfully added to this computer***' appears, and then click 'Close' .



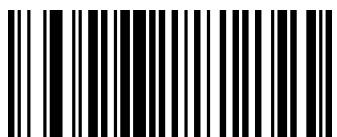
## General settings

1/ Scan the follow barcode to restore factory default settings,



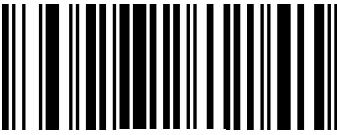
Restore defaults

After restoring the default settings,you need to set the UART module,scan the following barcode

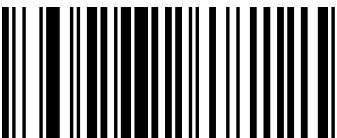


①UART 9600 , NO , 8 , 1

2/ Scan one of the following barcode to select mode,



a ) Manual Trigger Mode



b) Continuous Mode

When in Manual Trigger Mode,you could activate the scanner by pressing the external hardware trigger.When the hardware trigger is released,the data will be uploaded.

When in Continuous Mode, the laser is always on. Once a barcode has been read,the scanner will upload the barcode automatically. You do not need to manually press hardware trigger.

3/ Scan one of the following barcode to select the voice mode



a )Open the buzzer



b) Close the buzzer

4/ to set the sleep time

First,Scan the following barcode to enter into sleep time setting,



Into sleep time setting

Second,scan one of the following barcode to set the time interval,when it's idle exceeding the time interval you set,the scanner will enter into sleep mode.



a) 30second



b) 2 minutes



c)10 minutes



d) no sleep

## 5 / select data upload mode

a) scan the following barcode carcode to set the scanner to instant upload mode



Instant Upload Mode

In instant upload mode, when you scan a barcode within the Bluetooth transmission range(10m), the scanner will synchronously upload data to the text document you have opened.

b) scan the following barcode carcode to set the scanner to Not Lost Mode



Not Lost Mode

In Not Lost Mode, within the Bluetooth transmission range(10m), when scanning a barcode, the scanner will synchronously upload data to the text document you have opened.

Beyond the bluetooth transmission range, the scanner will store the barcode inside the scanner and upload the data when entering the transmission range.

\*\* just scan the following barcode to upload the stored barcode



Upload data

c) scan the following barcode set the scanner to Storage Mode



Storage Mode

In storage mode, you could scan and store any barcode inside the scanner, and uploaded the data to your device when you need it .

\*\*Just scan the following barcode to upload data



Upload data

\*\*Scan the following barcode to show total number of stored barcode



Show total storage

\*\*Scan the following barcode to clear stored bar code



Zero clearing

## 6/ select Bluetooth upload speed

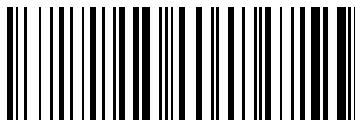


Upload speed -low



Upload speed fast (default)

**7/ select Bluetooth mode**



HID mode (default)



SPP mode

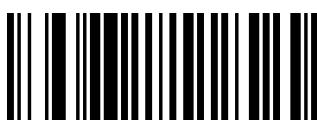
**8/ scan the following to shut down the scanner**



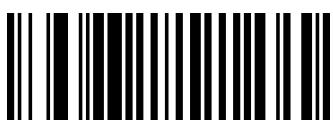
Shut down

## Barcode Programming

**1/ select one of following barcode to Add ID as an identifier**



a ) Add ID before the barcode



b) Add ID after the barcode



c) Off ID

**2/ Scan the following barcode to add Carriage Return after every scanning (Factory default settings)**



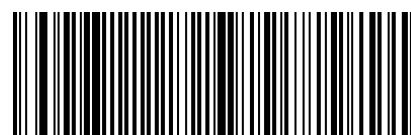
Add CR

**3/ Scan the following barcode to add a Tab key after every scanning**



Add Tab

**4/ Scan the following barcode to add Carriage Return and skip after every scanning**



Add CR+Skip

**5/ to disable suffix,please scan “Restore defaults” “①UART 9600 , NO , 8 , 1  
” an then scan the following code**



disable suffix

**7 / Scan the following barcode to ON or OFF the corresponding decoding capability**

In some applications,barcode data needs to be edited to be upload .

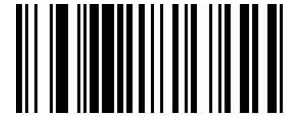
Support for adding prefix and suffix

Any specific requirement please contact us at [natamo@126.com](mailto:natamo@126.com)

**6/ Scan the following barcode to ON or OFF the check digit**



EAN8 Check Digit -- ON



EAN8 Check Digit-OFF



EAN13 Check Digit -- ON



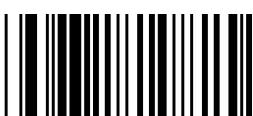
EAN13 Check Digit-OFF



UPCE Check Digit -ON



UPCA Check Digit-OFF



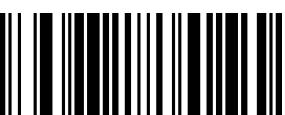
UPCA Check Digit -ON



UPCA Check Digit -OFF



Upce to Upca -ON



Upce to Upca--OFF



REVERSE (ON)



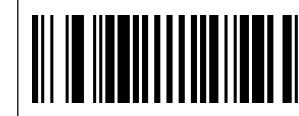
REVERSE (OFF)



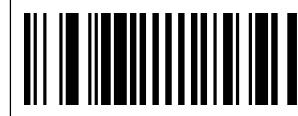
CODE11(ON)



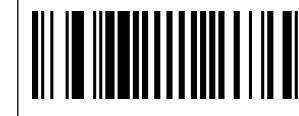
CODE11(OFF)



CODE39(ON)



CODE39(OFF)



FULL ASCLL(OFF)



FULL ASCLL(ON)



CODE93(ON)



CODE93(OFF)



CODE128(ON)



CODE128(OFF)



CODABAR(ON)



CODABAR(OFF)

	INTERLEAVED 2OF5(ON)
	INTERLEAVED 2OF5(OFF)
	INDUSTRIAL 2OF5(ON)
	INDUSTRIAL 2OF5(OFF)
	MSI(ON)
	MSI(OFF)
	UPCA(ON)
	UPCA(OFF)
	UPCE(ON)
	UPCE(OFF)
	EAN13(ON)
	EAN13(OFF)
	EAN8(ON)
	EAN8(OFF)

8 / LanguageSetting Supports 25 national language

	UNITED STATES		LATIN AMERICA
	FRANCE		BELGIUM
	GERMANY		NETHERLANDS
	BRAZIL		HUNGARY
	SPAIN		DENMARK
	ITALY		UNITED KINGDOM

	
SERBIA/YUGOSLAVIA	SLOVENIA
	
CANADIAN-FRENCH	CROATIA
	
FINLAND	SWITZERLAND (FRENCH)
	
CZECHOSLOVAKIA (CZECH)	PORTUGAL
	
SWITZERLAND (GERMAN)	CZECHOSLOVAKIA (SLOVAK)
	
NORWAY	POLAND
	
SWEDEN	UNIVERSAL