

1 Introduction

Developed by Shenzhen Postech Ltd, Postech

Bluetooth Input method is designed for data transmission of Postech Bluetooth barcode scanner. It integrates input and Bluetooth data transfer interface into one figure. Using the software on the Android mobile phone makes Postech SPP Bluetooth scanner regardless of the application, which greatly facilitates user. U software engineers can use it to the detail of Bluetooth input reduces the complexity of custom applications.

Postech Bluetooth Input Method virtual keyboard can capture data from Postech Bluetooth SPP Scanner, then send data to any application through the input method. Postech Bluetooth Input Method can be connected with any Android Bluetooth smart phone (Bluetooth serial port profile supported by the device, RFCOMM).

Postech Bluetooth Input Method includes pinyin, English, digital, Bluetooth keyboard, so users can switch at any time. It also supports three types of triggers to scan the barcode: key of scanners external, virtual keyboard scan button or trigger the phone volume keys.

Please log into www.posunitech.com to download and install the software. Follow the prompts to install on your phone.

2 Using steps

(1) Download blueinput.apk(keyboard wedge for Android) to Android mobile phone or tablet, and install it.

Then click "Bluetooth Keyboard" icon into the user interface, as shown in figure 1 and figure 2. Please according to the software prompt steps to set.



Figure 1

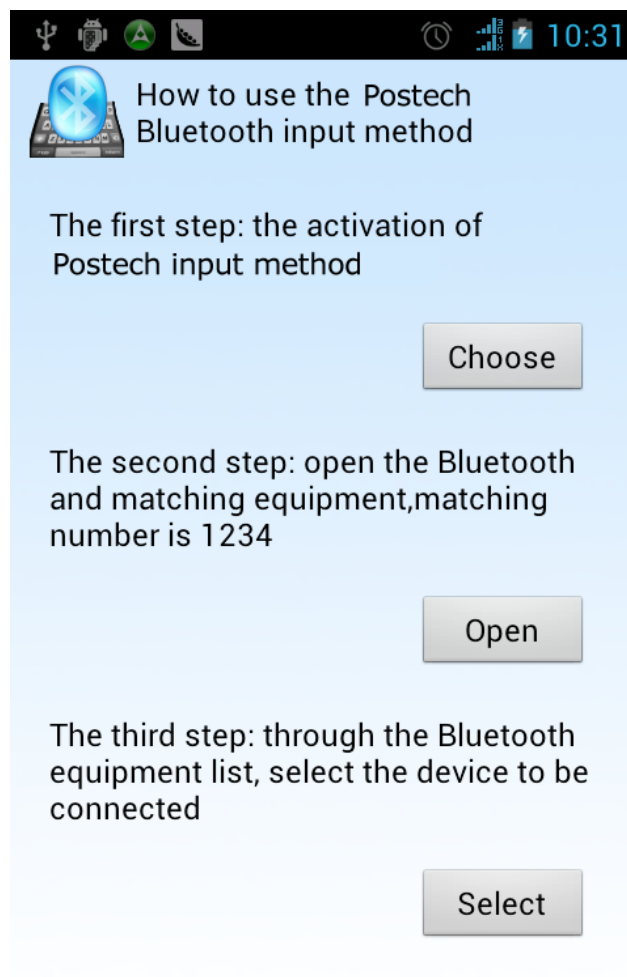


Figure 2

(2) Follow the steps to install:

Step 1: Activate Postech Bluetooth Input Method. Click the "choose" in figure 2, and then appear the interface shown in figure 3.

Please select the "Bluetooth Keyboard", as shown in figure 4. Then return and complete the choice.



Figure 3



Figure 4

Step 2: Open Bluetooth, and matching corresponding equipment. Pairing code is 1234.

- Click "open" as shown in figure 5 to connect to Bluetooth Settings interface. Please open your Bluetooth.

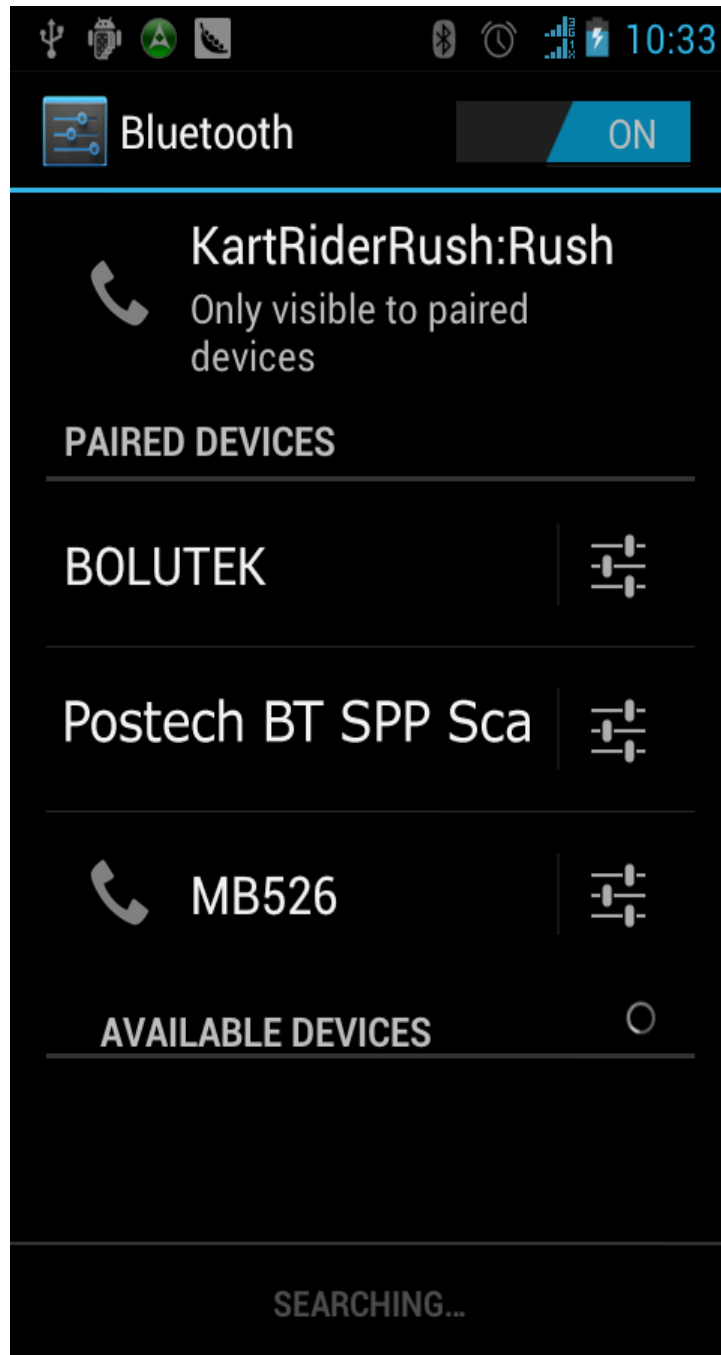


Figure 5

- Click "search for devices" to find the scanner: Postech BT SPP Scanner, as shown in figure 5. If need to enter pairing code, please input 1234 shown in figure 6.

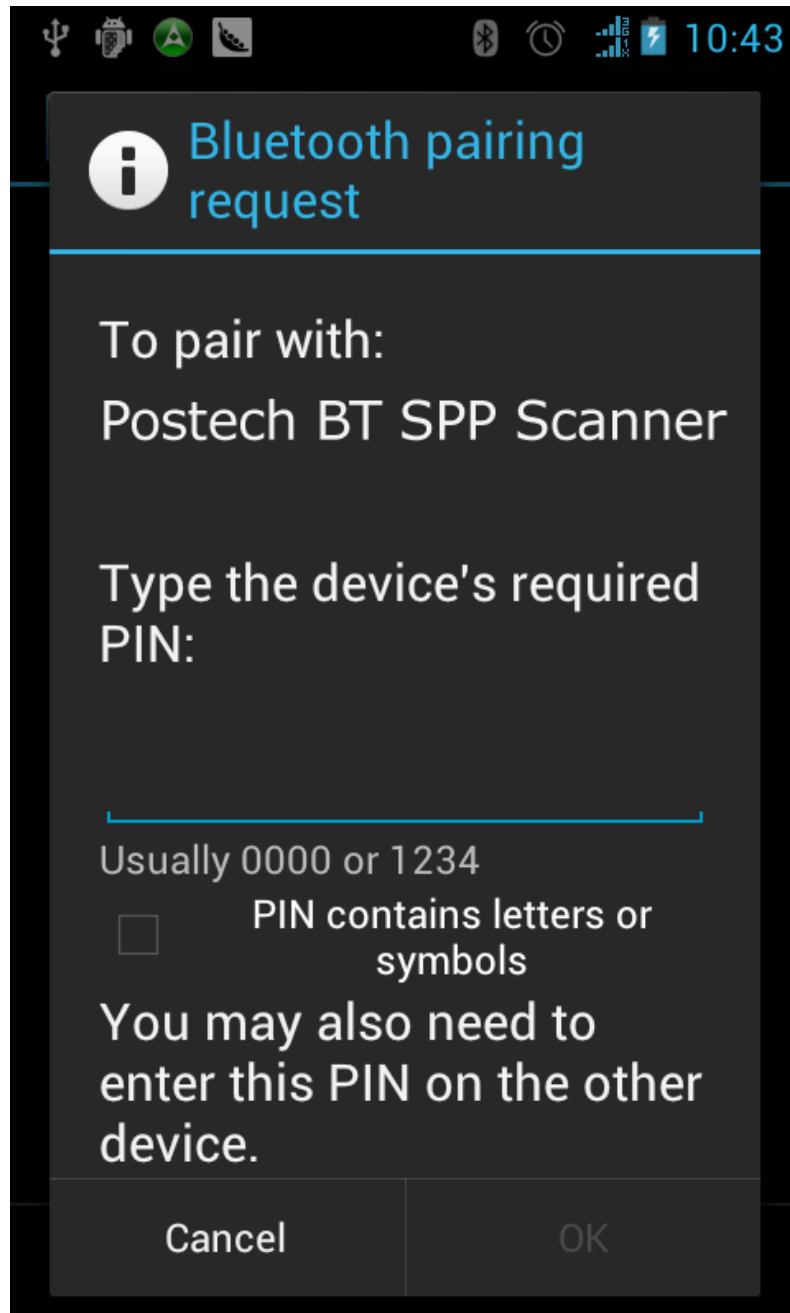


Figure 6

Step 3: Through the Bluetooth device list, please choose to connect equipment. Our company's Bluetooth scanner as an example, you can see "Postech BT SPP Scanner". Then choose the equipment to connect. As shown in figure 7, 8.

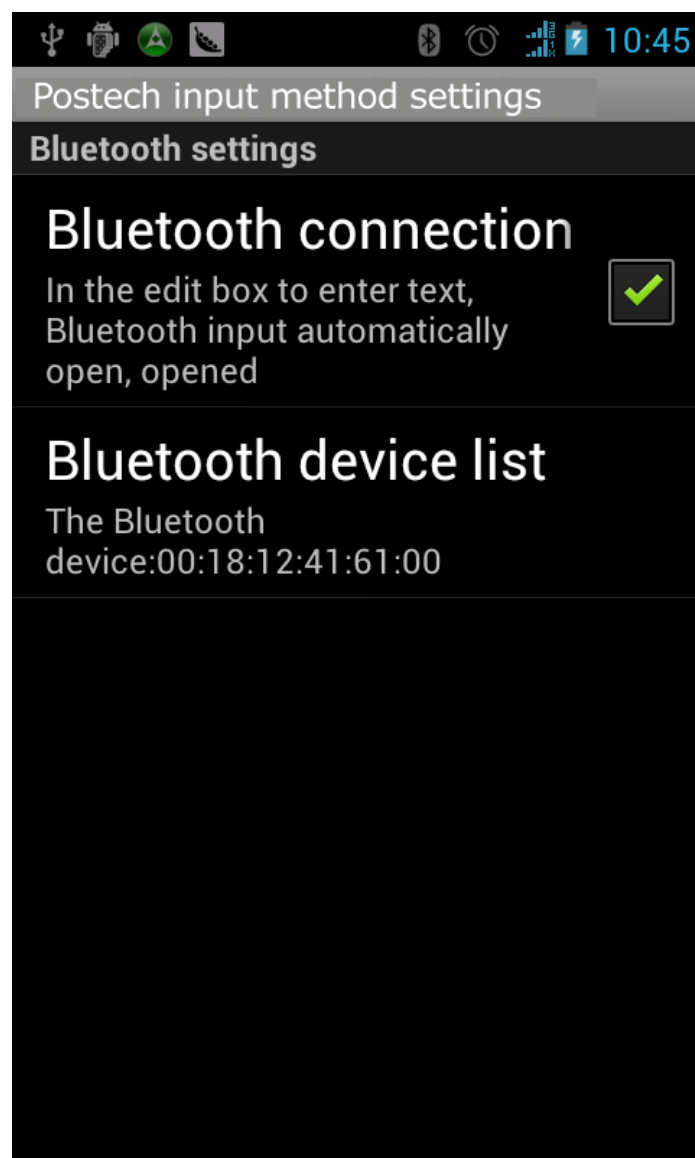


Figure 7

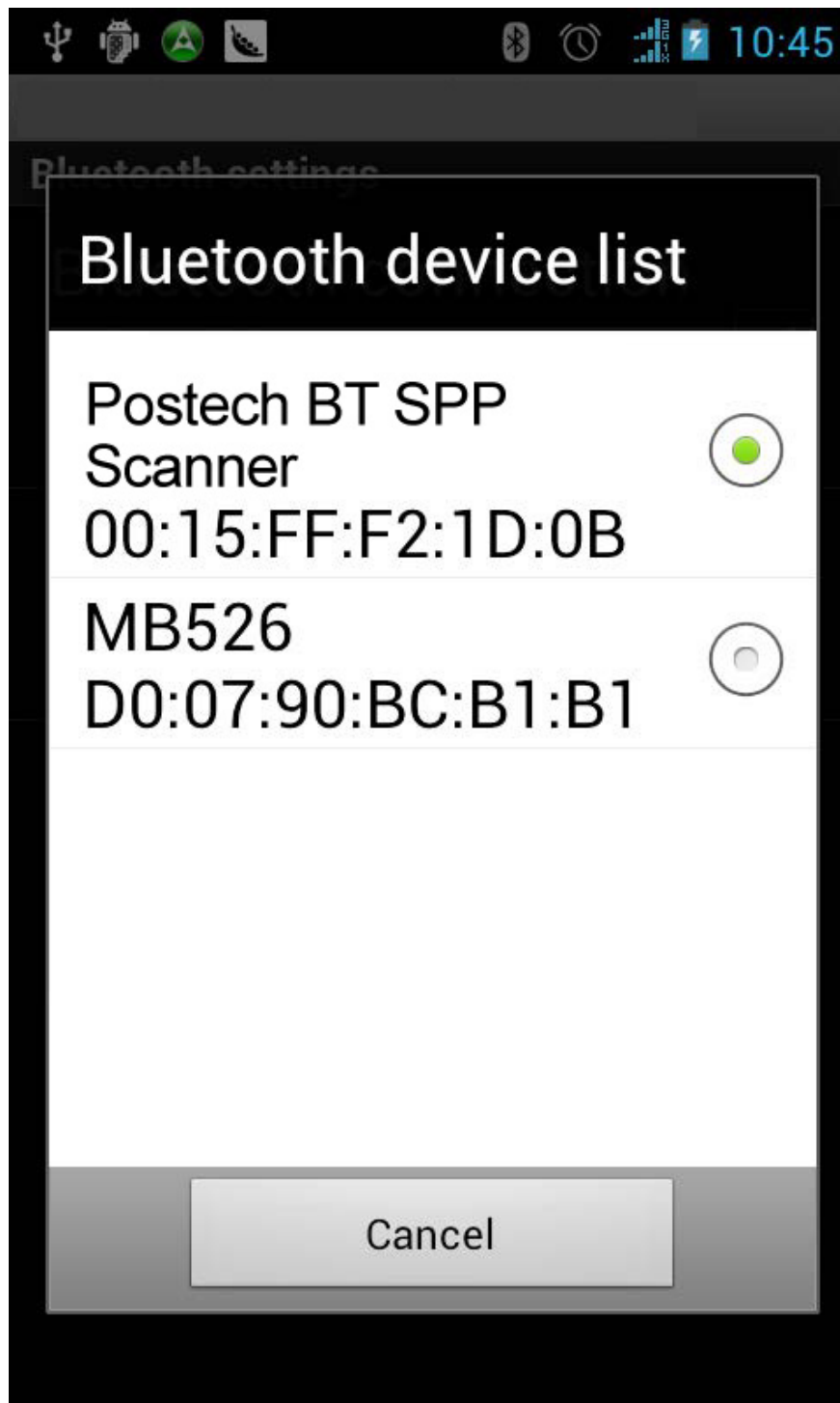


Figure 8

Step 4: Enable Postech Bluetooth Input Method. Change the input method to Postech Bluetooth Input Method, as shown in figure 9.

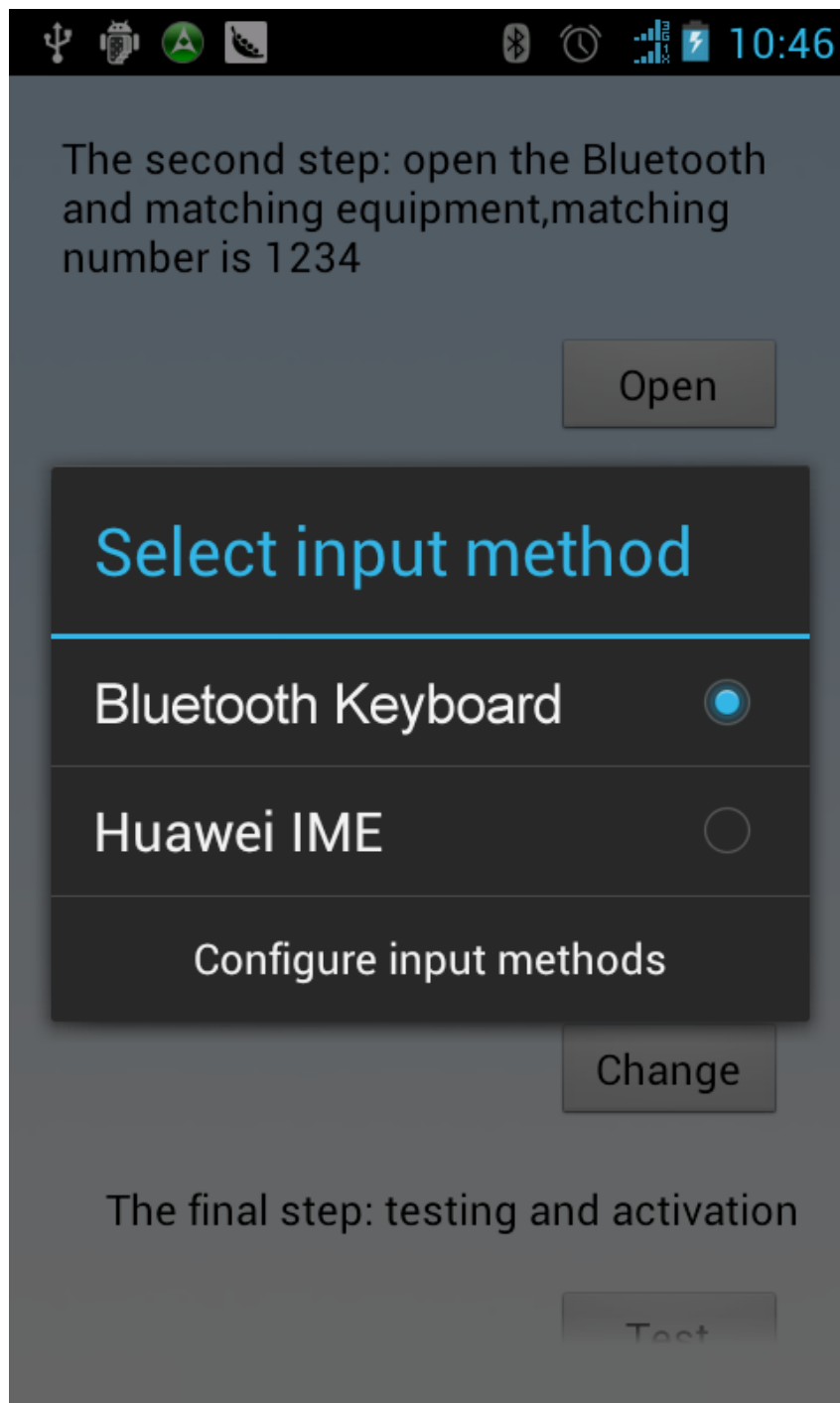


Figure 9

Step 5: test and activation.

- You have activated the scanner you want to connect if you finished these steps. The first connection will give you tips that activation successful, as shown in figure 10.

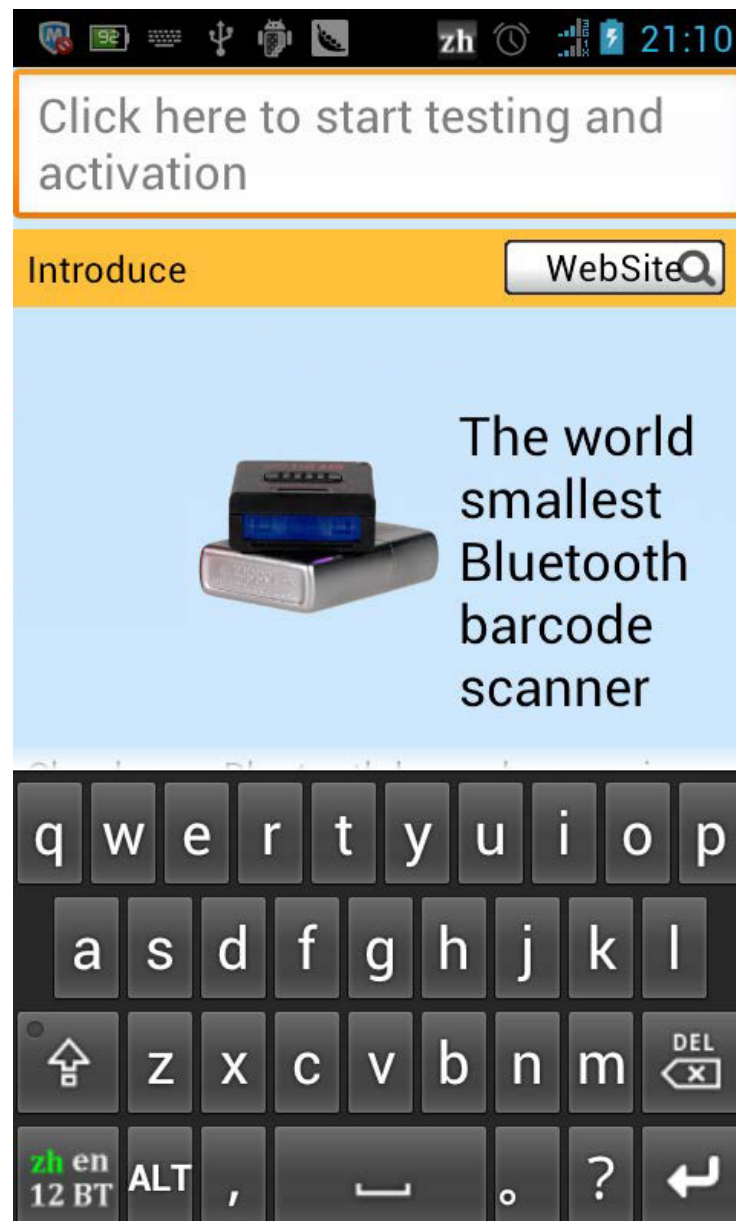


Figure 10

- Now receive the data from scanner through the input method. You can find that the data from scanner have shown in the screen, as shown in Figure 11 and 12.

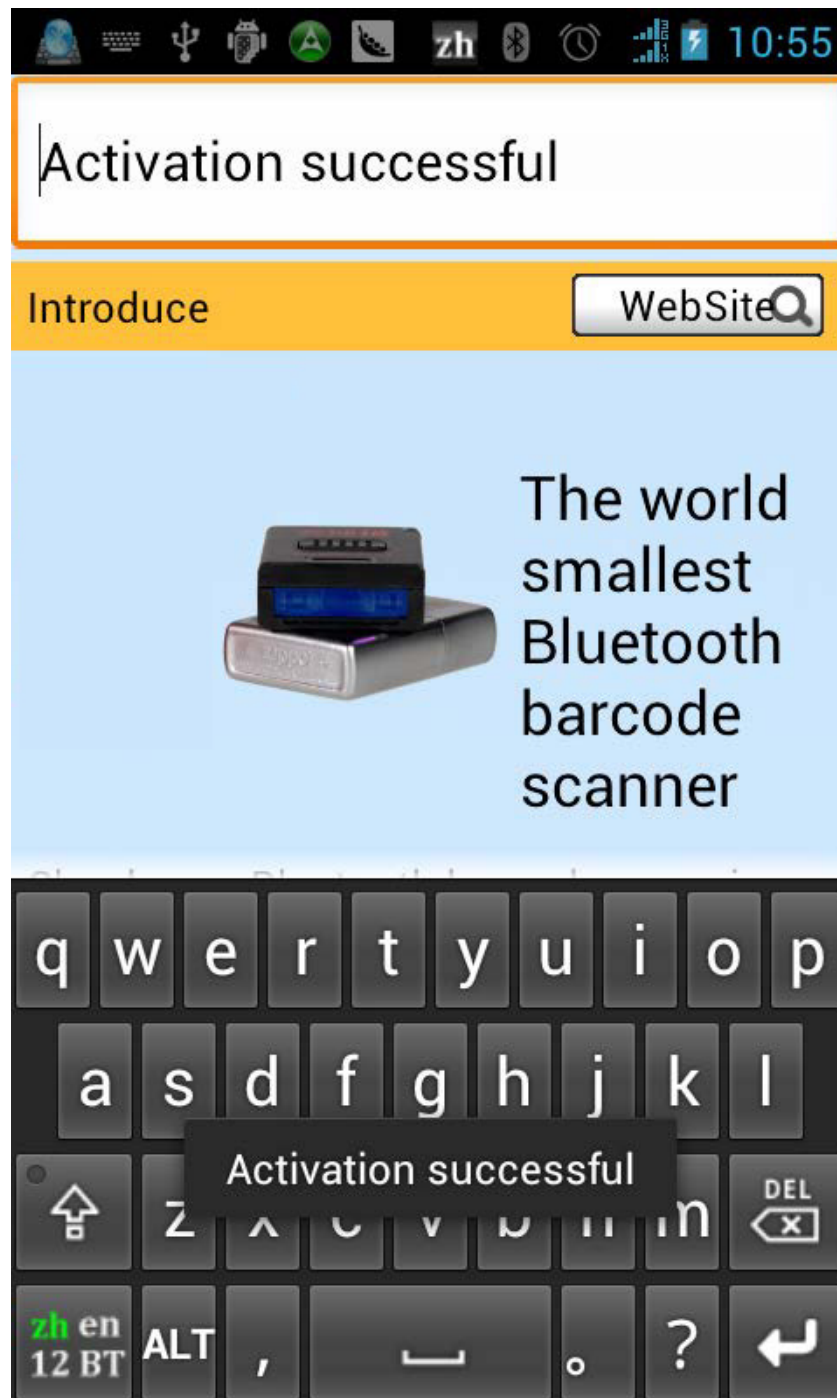


Figure 11

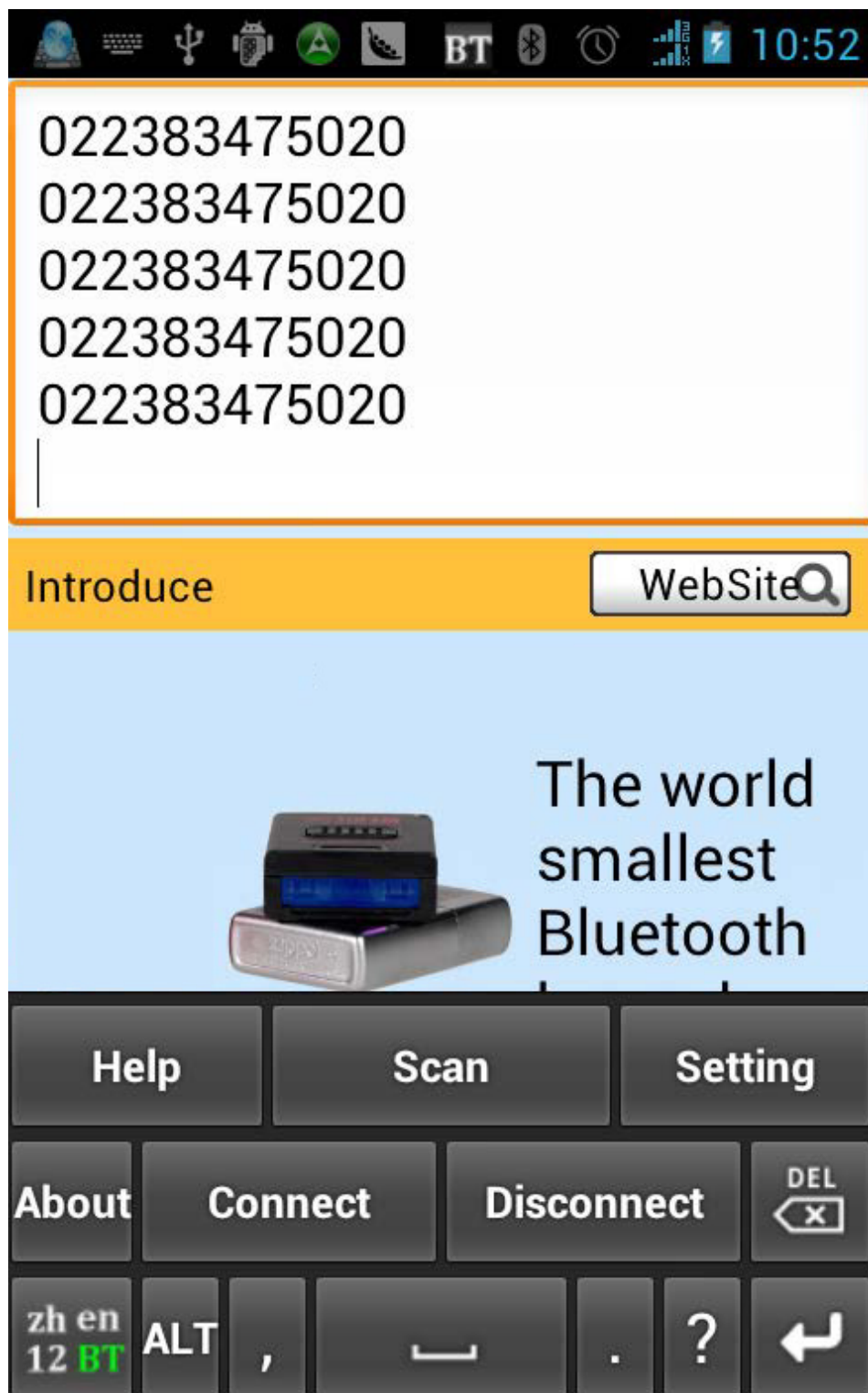


Figure 12

- Press the button on the bottom left to switch the input method into Chinese, English, digital or Bluetooth. Or long press the button to change the interface into the picture as shown in figure 13. Then you can switch the input easily. Bluetooth keyboard interface is as shown in figure 14.

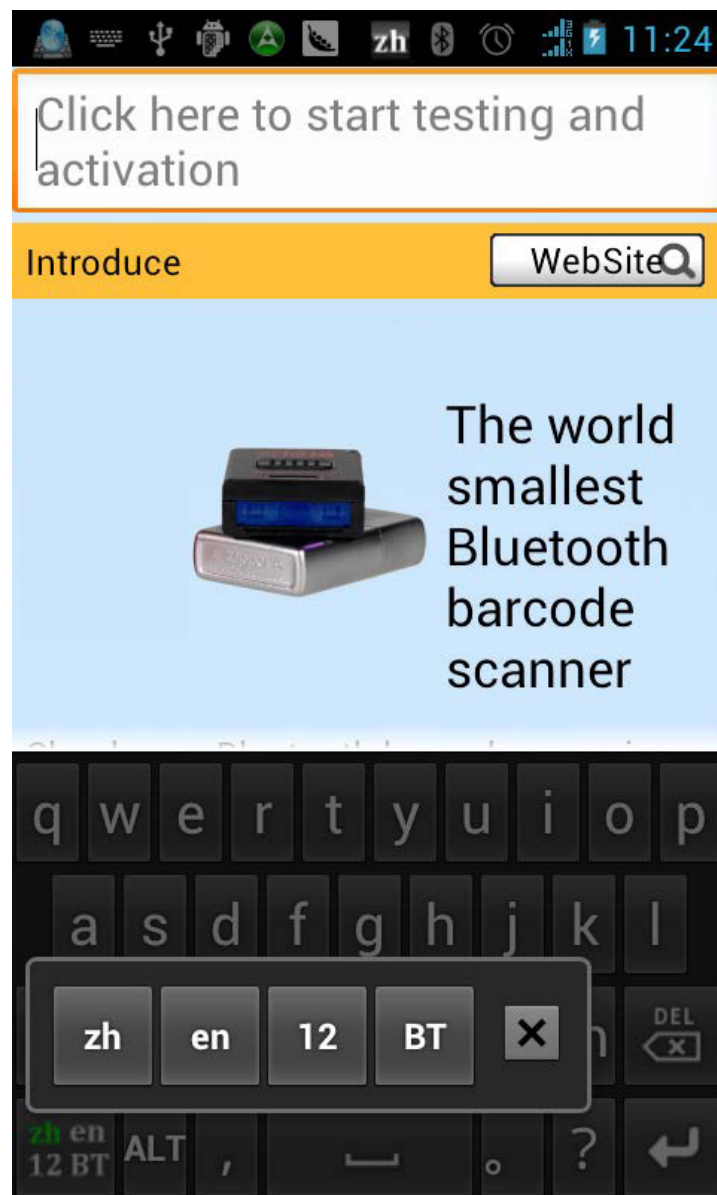


Figure 13

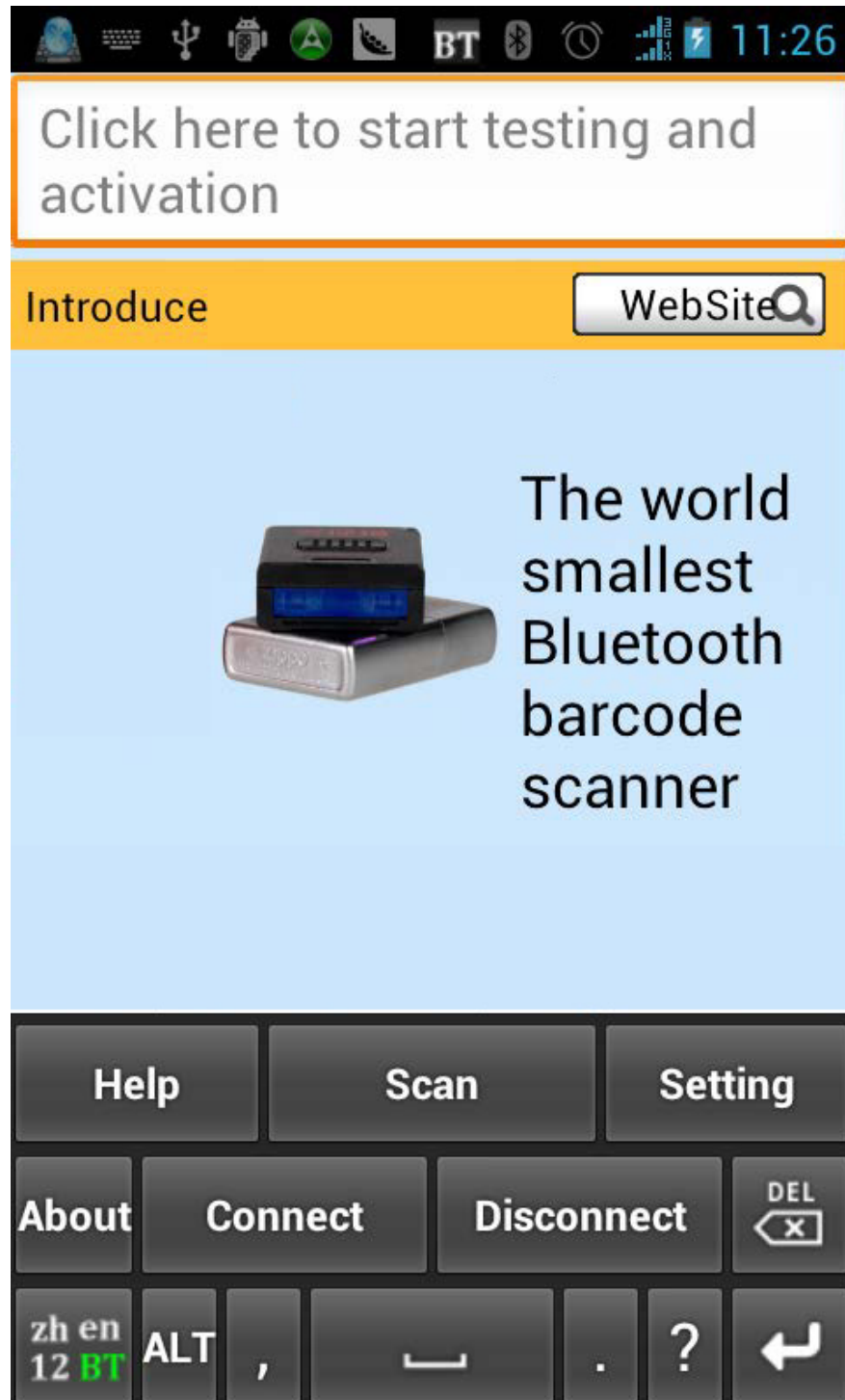


Figure 14

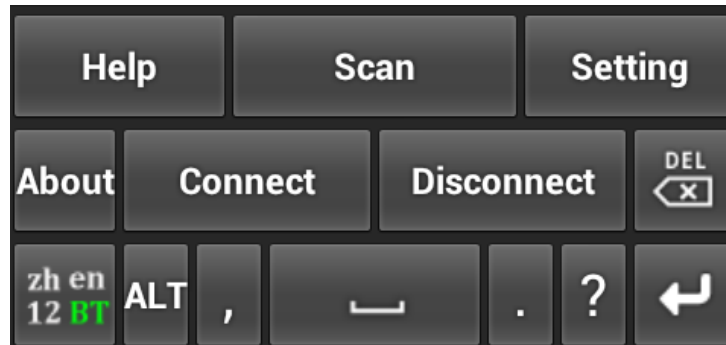


Figure 15

The function of the button shown in figure 15:

- "Help" button, will show you the use of software, as shown in figure 16;

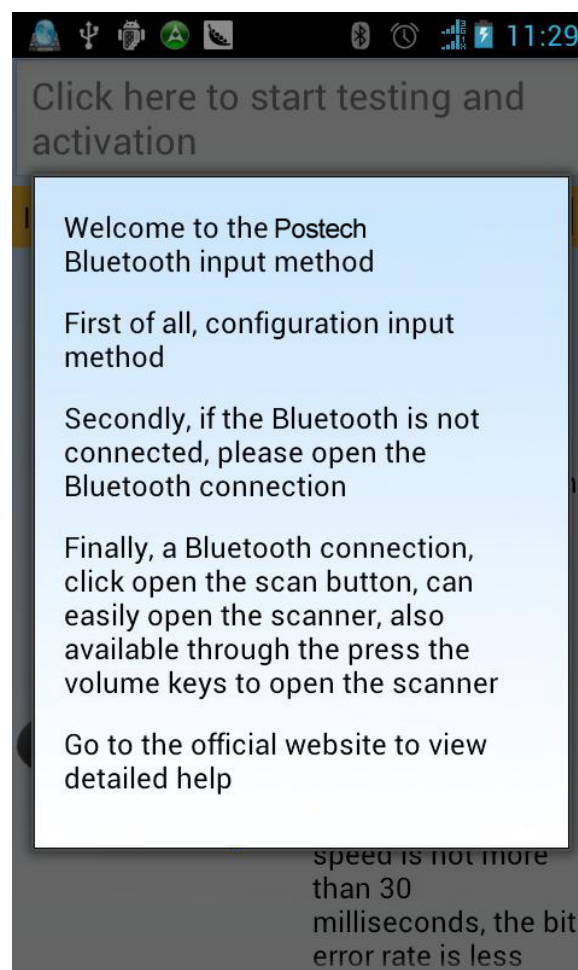


Figure 16

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- "Scan" button means you only need to click the button to start your scanning work. PS: There are three ways to trigger the scanner. The one is press this button, the other two is the key of scanners external, and triggers the phone volume keys.
 - "Settings" button: click the button can directly switch to the interface shown in figure 5.
 - "About" button, click this button will appear the information of our company.
 - "Connect" and "Disconnect" two buttons refers to disconnect and reconnect. You don't need to reconfigure input method When reconnection, the software will automatically configuration. After configuration, it will prompt "activation success". Then you can continue to use. As shown in figure 17.

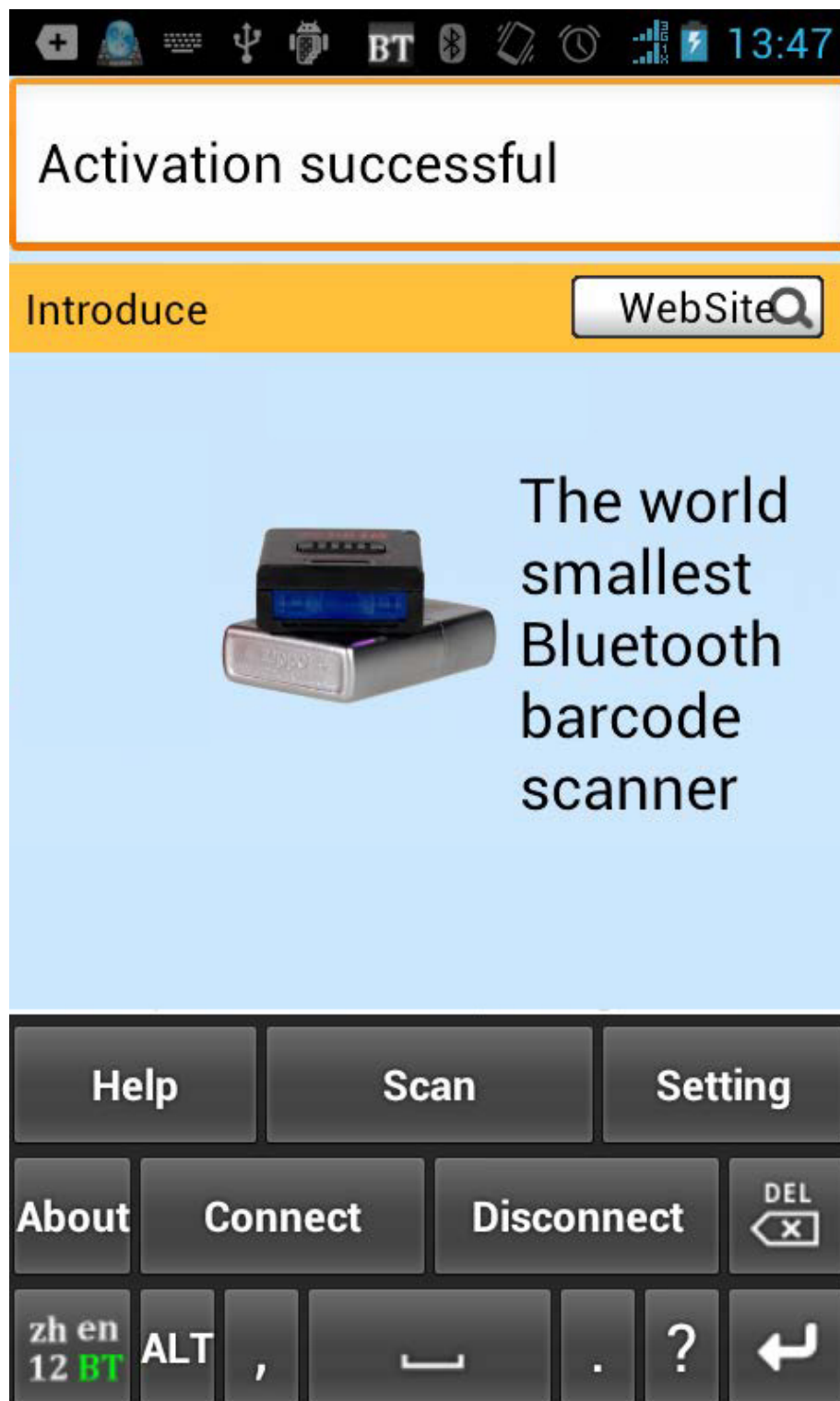


Figure 17

- If you disconnect the scanner unexpectedly, software will connect the scanner again automatically. On the top of screen will give you the prompts as shown in Figure 18. If you connect the scanner successfully, the icon of input method will appear on the top of screen, as shown in Figure 19.

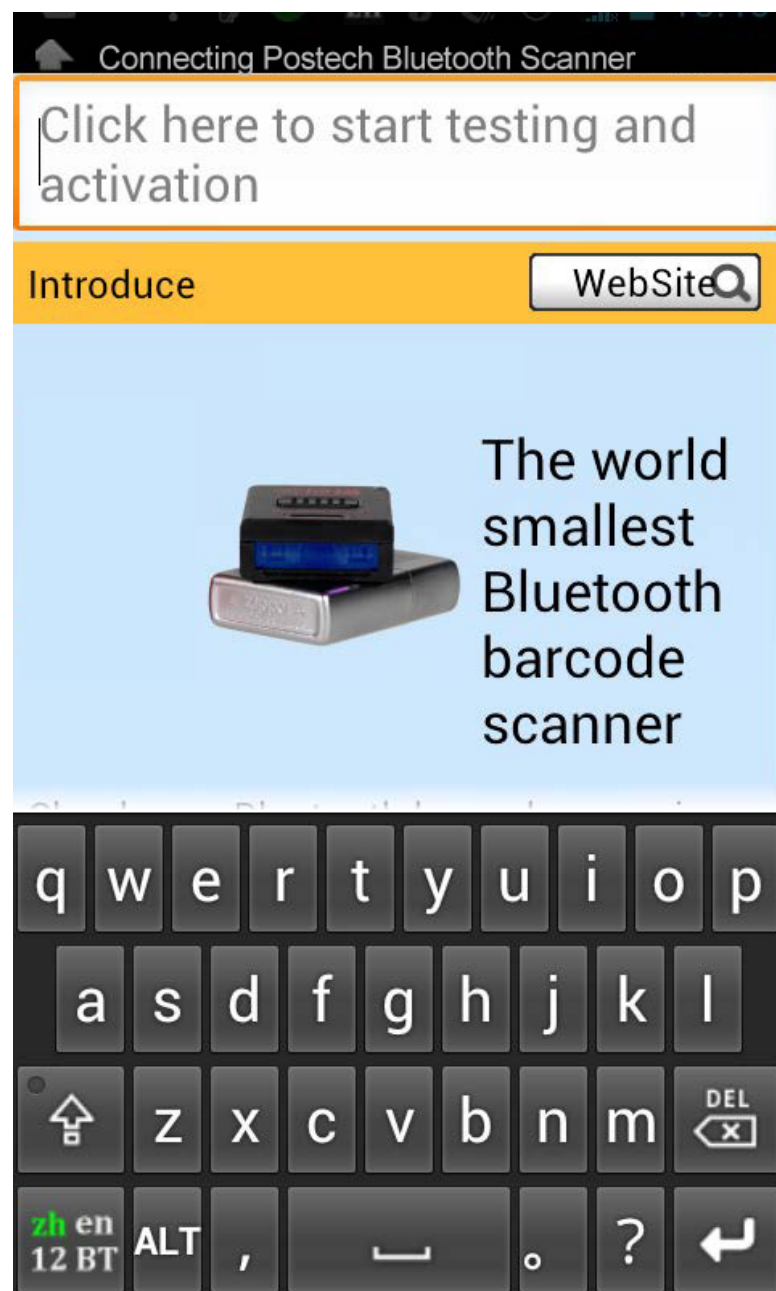


Figure 18

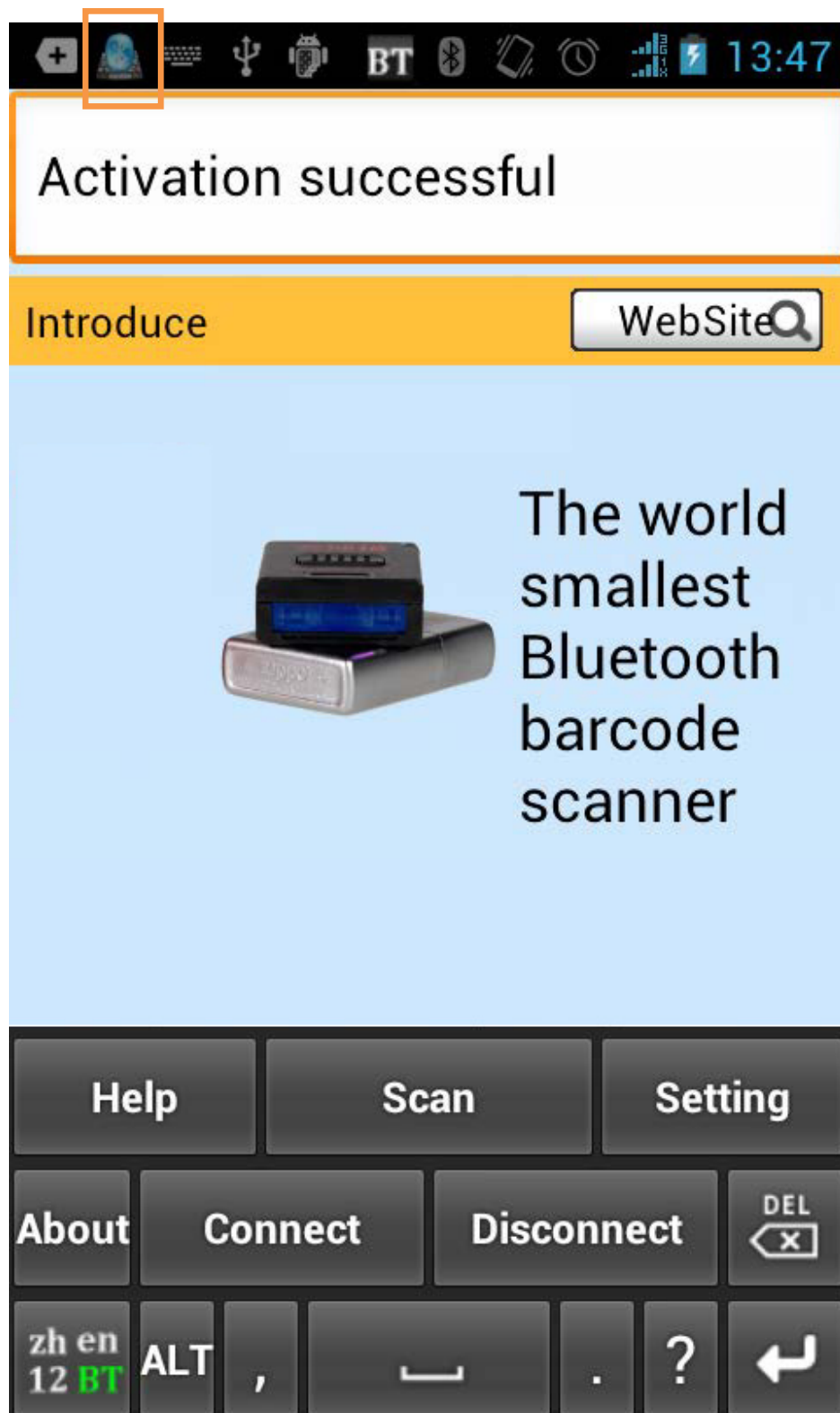


Figure 19

- (3) Data example: As shown in figure 20, you can open text editing tools to receive data from the scanner through the input method.

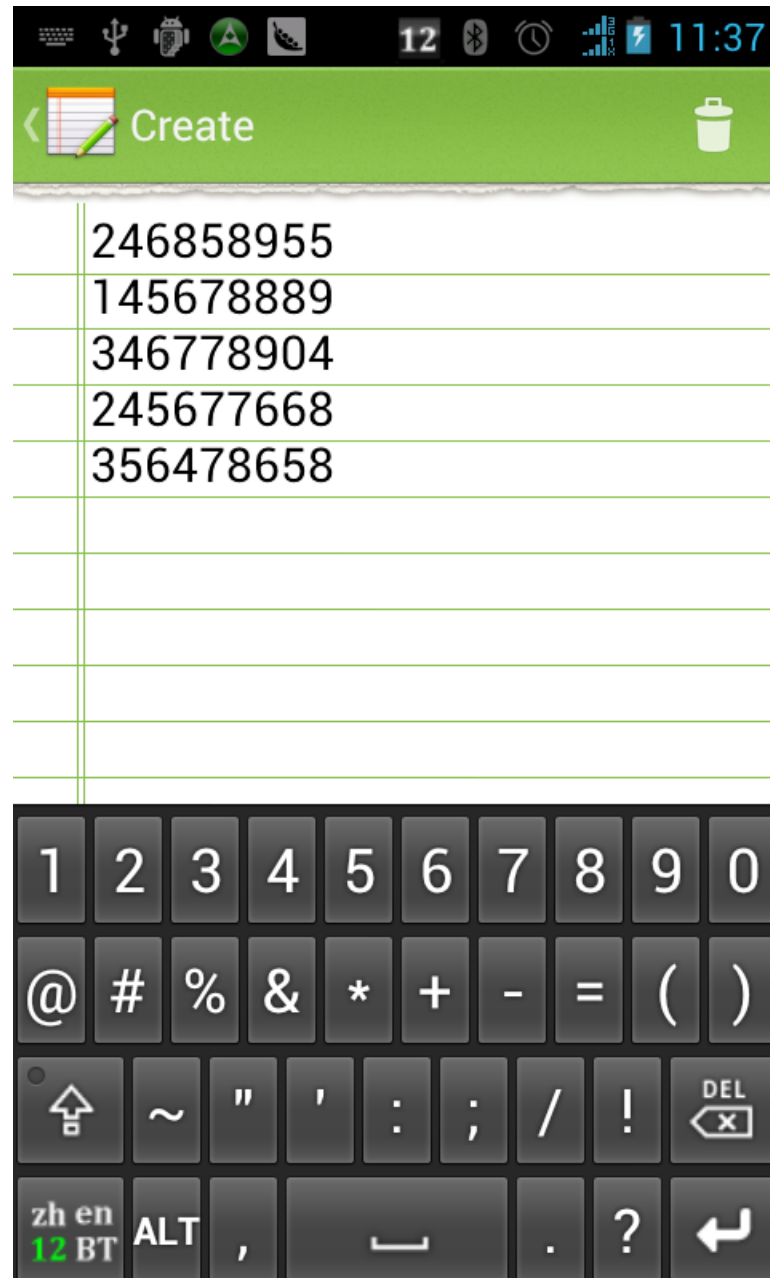


Figure 20

3 Secondary Developments

Use Postech Bluetooth input method will make the development of software become simple. You don't need to care for complex details of Bluetooth communication programming. You can use our Bluetooth Scanner easily.

Please use our company Bluetooth barcode scanning equipment as hardware. Otherwise it will be prompted to illegal hardware activation failure, and at the same time, it will turn to the company's web site or no show.

The barcode scanning equipment supports Postech Bluetooth input method as follows:

MS3391-CCD, MS3391-L, FS01, MS3392, MS3398.

Thank you for using!