Barcode Scanner

Quick Start Guide

▶ 80 meters effective open distance
▶ One key for bluetooth connection
▶ With FLASH memory, it can scan and save thousands of barcodes off-line
▶ Built-in Large capacity Li-ion battery for long time using
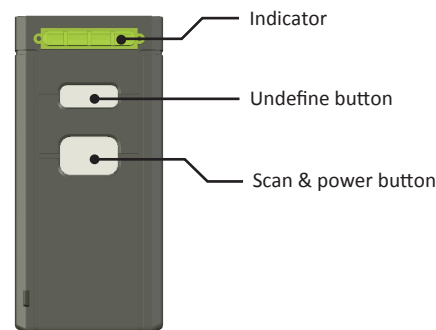▶ Compatible iOS / Android and Windows OS etc

Packing list:

● Scanner x 1
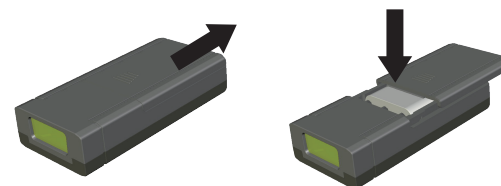● USB charging cable x 1
● Quick start guide x 1
● USB dongle x 1

1 Barcode Scanner Overview

It integrates high-performance processor and decoding board,it has fast decoding,high-precision reading ability,and high anti-interference ability.It can easily read barcodes on paper,goods and media.The DOF is a great improvement compared with similar products.It also boosts high scanning speed and powerful reading ability with high accuracy.

Appearance:

- Indicator
- Undefine button
- Scan & power button

● Blueotooth Wireless Mode Only

Battery replacement:

Functions Setup:

Barcode Scanner can setup all default functions through reading the setup barcodes.

①Enter setup
②Read function bar codes
③End the programming
④Exit with save

*Pls Plug in USB dongle if Your PC device without bluetooth adapter

Parameters

CPU	ARM Cortex™-M3, 32-bit
Bluetooth	BLUETOOTH3.0 Module
Light Source	Visible Red Light 632nm LED
Decode Capability	CODEBAR、CODE11、CODE93 、Full ASCII、ASCII、UPC/EAN Code128、UCC/EAN128、Code39、Code 39Full\MSI、ISBN、ISSN、Postal code、Interleaved 2 of 5、
Resolution	0.102mm(4.0mil)@PCS90%
Speed	500 scan/sec
Depth of scan	500mm@20mil/0.5mm, PCS90%
Scan width	≤110mm/PCS 0.9
Scan Mode	Bi-directional single line
Print Contrast	Minimum 45%
Scan angles	①Roll: 1 +/- 30° ②Pitch: 5 +/- 60° ③Yaw: 5 +/- 60°
Indication	Beeper, LED
Radio Range	10m visual range,80meters effective open distance
EEPROM	512KB, can store thousands of barcodes
Battery	1000mAh lithium battery

2 Pairing with Windows XP

Please insert USB dongle first if the PC without bluetooth adapter
1.Start barcode scanner.Press trigger for 8sec to
【Enter Pairing mode】or scan setup barcodes,blue LED flashing

2.Open bluetooth panel in the PC,click'add a device'

3.Click'Next' to search for the devices

4.The computer will search bluetooth devices automatically,A few seconds later,you will find 【Gerneral bluetooth HID】 in the available devices list

5.Double click it for installing driver without pairing code.

6.After driver installed successfully,you will find it in the paired device with a short beep

7.The blue LED will be on all the time without flashing

3 Pairing with Android、iOS

1.Start barcode scanner.Press trigger for 8sec to
【Enter Pairing mode】or scan setup barcodes,blue LED flashing

2.Turn on the bluetooth in Android device,search for
【Gerneral Bluetooth HID】

3.Click it for pairing

4.You will hear a beep from scanner If pairing success.You will find it in the paired device and it will show connected.The Blue LED will be on all the time without flashing

4 Pairing with Windows 7

Please insert USB dongle first if the PC without bluetooth adapter
1.Start barcode scanner.Press trigger for 8sec to
【Enter Pairing mode】or scan setup barcodes,blue LED flashing
2.Click'Start>Devices and printers>Add a device,searching for
【Gerneral bluetooth HID】
3.The computer will search bluetooth devices automatically,A few seconds later,you will find 【Gerneral bluetooth HID】
in the available devices list
4.Right-click on 【Gerneral bluetooth HID】,select 'properties'
>'Keyboard/mouse driver(HID)'
5.After driver installed successfully,you will find it in the paired device with a short beep
6.The blue LED will be on all the time without flashing

5 Pairing with Windows 8

1.Start barcode scanner.Press trigger for 8sec to
【Enter Pairing mode】or scan setup barcodes,blue LED flashing
2.Open control panel,search for 【Gerneral Bluetooth HID】
3.Double Click it for installing driver
4.You will hear a beep from scanner If pairing success.You will find it in the paired device and it will show connected.The Blue LED will be on all the time without flashing

Common Function Barcodes

Enter Pairing Mode

Common Mode

Inventory Mode

No data losing Mode

Enable HID

Power Off

Data loading

Total Quantity of Data

Data Elimination

Show keypads(for iOS)

Enable SPP

Automatic Sleeping Time

Enter setup

20s

30s

60s

5min

2min

20min

10min

LED Indicators

LED Colour	LED Colour
Green LED on and off quickly	Good read,with one short beep
Left/right blue LED flashing together	Enter pairing mode,waiting for BT connection
Left blue LED on(always)	Connected successfully with 2 short beep
Red LED on(always)	Charging
Red LED flashing	The battery poor contact

Beeper

Beeping	Meaning
Two long beep	Error on bluetooth module, EEPROM full
Three long beep	Low battery
Twenty short beep	Error on EEPROM
One short beep	Read barcodes / enter or exit setting mode
Two short beep	BT connection established
Three short beep	BT connection error
Five short beep	Setting error,pairing error

ID setting （One to many）
*One USB dongle can establish 7 BT connection with barcode scanner

ID Setting

Show ID Number

0

3

5

7

Hide ID Number

1

2

4

6

8

9

FAQ

It can not connect with Android devices?
If the device is android 3.0 or above version,it can connect directly

It can not recognize some type of barcodes?
Some inactive type barcodes are disabled as factory default.So you should enable this type via read the enable barcode.If you don't know the type,pls contact our technical support

Barcodes can't upload to PC or mobile after paired?
1.Please check is the pairing successfully?The indicator of scanner should be blue.
2.Please check if you enable inventory mode(under inventory mode,the barcodes need upload manually or read the upload barcode for upload.

PC or mobile can't search out it?
1.Confirm scanner is power on
2.The scanner can pair only when blue LED is flashing

Can It connect with mobile or tablet after connecting with PC?
If you want to change device,please clear the pairing information on the device first,and reset it.The method is according to front steps.

It can't connect automatically after restart the mobile device?
1.Please make sure that there is no other BT connection with the mobile device
2.Power on the scanner,it will connect with the mobile device automatically.

Can It auto linefeed during barcode scanning?
The user can set apply enter for suffix of barcde data or not.Please refer to the user manual.

Function Setup Barcodes

Factory Reset	STX-ETX
Suffix <CR+LF>	Suffix <None>
Suffix <CR>	Suffix <LF>
Suffix <Space>	Suffix <Tab>
Enter setup	End the programming

Enable CODE39	Disable CODE128	Enable GS1 DataBar	Disable EAN-8
Disable CODE39	Enable CODEBAR	Disable GS1 DataBar	Enable UPC-A
Enable CODE93	Disable CODEBAR	Enable Interleaved 25	Disable UPC-E
Disable CODE93	Enable EAN-13	Disable Interleaved 25	Enable UPC-E
Enable CODE128	Disable EAN-13	Enable EAN-8	Disable UPC-E

Exit with save

⚠ Warning
1.Please remove the power and USB cable under thunderstorm weather conditions,to avoid damage from thunder and lightning
2.Keep away from heat sources,please ensure sufficient air circulation
3.Pay attention that the scanner is waterproof during storage, transportation and running
4.Please use a matching power supply adapter offered by the authorised producer

Bluetooth Application

Mobile

Tablet

Laptop

Computer