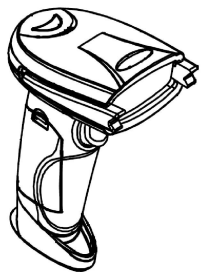
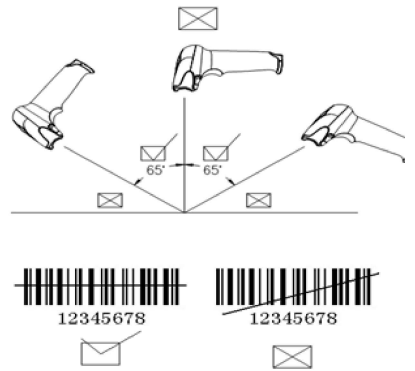


# 1 .Bluetooth barcode scanner overview

## Product appearance figure



## Barcode read correctly



## Bluetooth barcode scanner characteristics

- \*.Wireless operation, convenient to carry, using flexible workplaces;
- \*.Power rechargeable, can also transmit data, using a shortcut;
- \*.With fine ability to decode;
- \*.Key is comfortable, life one million times;
- \*.Storage mode support extreme distance work;
- \*.750mAh Large capacity lithium battery, persistent work;
- \*.Support Windows XP, Win 7,Android, iOS,Mac

## Bluetooth barcode scanner operation points for attention

- ①. Take out the receiver,Plugged into PC (POS)USB Interface,After waiting for the computer to install the driver(About 3 to 5 seconds, need not operation, the computer automatically),The mouse cursor in the need to enter the barcode in the text box,You can scan you need to enter the bar code.
- ②. Cable model methods of use: Plugged into PC (POS)USB Interface, immediate use.
- ③. General fault repair methods: The USB receiver to plug,Then scan"Defalut"setting.

Packing detail: a scanner, a receiver, a USB charging line, a simple description.

# 2 .Bluetooth barcode scanner performance parameters

Communication distance: Indoor 7~10m  
 Communication protocol: Bluetooth 3.0  
 Compatibility: iOS, Mac, Android, XP, Win7 etc.  
 Data memory: 4096Byte Flash  
 Scanning type: manual single scan/continuous scanning/automatic scanning  
 Source: LED (622nm-628nm)  
 The maximum scanning speed: 200 times/sec  
 Decoding accuracy: more than 3.3mil  
 Depth of focus: 3.3mil:2mm-100mm  
     10mil:2mm-350mm  
     15mil:5mm-500mm  
     30mil:10mm-800mm  
 Decoding IC: 32bit high-speed processor  
 PCS : The minimum reflectivity of 30%  
 working current: Decoding the current 40mA,working current 20mA, Standby current 5mA, shutdown current 18uA, Internal constant current constant voltage charging,Support while charging work.  
 Charging source: 5V 500mA.  
 Charging time: 1.5 hour.  
 Service time: 30 hour.  
 Scan Mode: Two-way single.  
 prompting mode: Buzzer + light  
 Error rate: 1 / 5000000  
 Scanning angle: rotation angle±30° , Oblique Angle ±45° , deflecting angle ±60° .  
 Decoding ability: UPC-A, UPC-E, EAN-8, EAN-13, Code 128, Code 39, Code 39 Full ASCII, Codabar/NW7, Code 93, Code 11, MSI, Interleaved 25, Industrial 25, ISBN, ISSN, China Post etc.Domestic general one-dimensional codes.  
 Support interface : USB HID, USB Virtual Serial(Need to drive and setup code please contact the dealer)  
 The seismic test: Many times from 1.5 meters height fell to the ground of concrete can still work normally after impact.  
 Authentication: CE, FCC, RoHS, ClassI

## 3 .Bluetooth communication parameter settings

### ①. Bluetooth restore the default Settings

When the scanner is set too much,you can scan "Return to default" settings for Bluetooth recovery settings code to allow the scanner to resume factory settings.

Return to default



### ②. Bluetooth scanner and receiver matching method

The scanner needs and receiver after the match,Can be used normally.To match the receiver insert a computer USB interface,After waiting for it into the working state,By scanner scan "Pair Code"Settings,At this point, the red and blue lights flashing, said in the matching state, the automatic search the bluetooth devices around, when the buzzer sends out "di di" sound, light blue, said the match is successful, can transmit dataAfter finishing the matching,Scan version information Settings to observe whether a match,If success shows version information,Otherwise the match fails,need to match.

Pair Code



## ③.Sleep mode

Scanner can scan the following Settings,to set up all kinds of sleep time.To extend battery life,Suggest that sleep time should not be set too long.

<Sleep time 20 Seconds>



Sleep time 60 Seconds



Sleep time 2 Minutes



Sleep time 10 Minutes



## ④.Normal Mode

Normal mode : Scan barcodes directly then the decoded data transfer to the receiver and displayed on the PC or your host ,But if the transmission fails (for example, over the transmission distance or the receiver is not open), then issue "di da " sound prompts the user to transmission failure.

Normal Mode



## ⑤. Inventory mode

When the scanner is not in the receiver's operating range, please use the Inventory mode First you can set up the mode "Inventory mode" then you scan the barcodes , the data will be stored in the scanner.

Inventory mode



Note:When using "Inventory Mode",the user need to scan the clear data set code will scanner memory empty.

Transfer data



Total Number of data



Clear data



## Transmission speed settings(Inventory mode only)

Fast



Medium



<Slow>



## ⑥.Wired model

When you use the USB cable ,the scanner will change the wireless mode into wired mode . You also can close the wire mode , please scan the follow barcode.

Wired mode Off



<wired mode On>



# 4. Bluetooth scanner auxiliary functions

## ①.Reliability settings

Bluetooth reliability setting,High reliability, Transmission distance near;Low reliability, Transmission distance far.

Short Range



Medium Range



<Long Range>



## ②.Matching settings

Removal of match



Shutdown



Disconnect the existing



Connect the host matches



## ③.Transmission speed settings

Bluetooth keyboard is fast



<Bluetooth keyboard is slow>



## ④.Transmission mode settings

<HID Mode>



SPP Mode



## ⑤. Automatic settings

Automatic ON



<Automatic Off>



(Note: Automatic function optional,Default single mode.If need to open Automatic mode,you can hold down the switch 8 seconds,Can switch to the Automatic mode,If you need to shut down Automatic mode that the same operation)

## ⑥.iOS keyboard show/hide Settings

Show/hide the iOS keyboard



Double click the button quickly to turn on /off the IOS keyboard ,when you have no manual book .

## 7. Battery Status



## 5. General barcode settings

Reset to Defaults



Version Information



### Interface selection

(This function is only used in Wired mode)

<USB HID mode>



USB Virtual-serial mode



### Buzzer

Volume Off



<Volume High>



Volume Medium



Volume Low



### Reading mode

<Single scan>



Continuous scan



### Keyboard Language

<USA Keyboard>



German Keyboard



French Keyboard



Italian Keyboard



Spain Keyboard



Portugal Keyboard



### Repeat barcode setting

Repeat barcode ON



<Repeat barcode Off>



Repeat barcode Interval 1S



Repeat barcode Interval 10S



### Barcode type ID

Barcode type ID ON



<Barcode type ID Off>



### Barcode image and setting

<Inversion of barcode image ON>



Inversion of barcode image Off



### Barcode character setting

Barcode prefix STX



Barcode suffix ETX



### Character case conversion

<Cancel the case set>



Change Lowercase



Change Uppercase



Invert case



### Bar code type to choose

Code 39 Full ASCII ON



<Code 39 Full ASCII Off>



ISBN Code ON



<ISBN Code Off>



### UPC/EAN Settings

<UPC-A systematically ON>



UPC-A systematically Off



<UPC-E systematically ON>



UPC-E systematically Off



<UPC-A Check digit ON>



UPC-A Check digit Off



<UPC-E Check digit ON>



UPC-E Check digit Off



<EAN-13 systematically ON>



EAN-13 systematically Off



<EAN-8 systematically ON>



EAN-8 systematically Off



<EAN-13 Check digit ON>



EAN-13 Check digit Off



<EAN-8 Check digit ON>



EAN-8 Check digit Off



### Code 39 Settings

Start/stop characters ON



<Start/stop characters Off>



### Codabar Settings

Start/stop characters ON



<Start/stop characters Off>



### UPC/EAN Settings

UPC-E convert UPC-A ON



<UPC-E convert UPC-A Off>



UPC-A convert EAN-13 ON



<UPC-A convert EAN-13 Off>



<UPC/EAN Supplementals Code Off>



2 bit Supplementals Code ON



5 bit Supplementals Code ON



2&5 bit Supplementals Code ON



### Terminator

<CR>



LF



CR+LF



TAB



None



### note!

With a set of symbols "< >" said as the default.

# Bluetooth barcode scanner

## User's manual

Defaults



Ver : bt-v2.0 en

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warnings:

This device complies with Industry Canada's licence-exempt RSSs

Operation is subject to the following two conditions:

(1) This device may not cause interference and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This radio transmitter (identify the device by certification number, or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (identifier le dispositif par son numéro de certification ou son numéro de modèle s'il fait partie du matériel de catégorie I) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur