

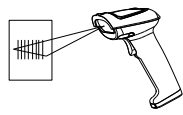
# 1D Bluetooth & 2.4G Barcode Scanner User Guide



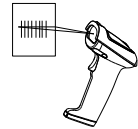
Factory Default

## Correct usage of barcode scanner:

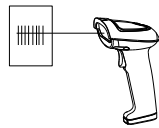
- (1) Make sure barcode scanner, cable, host device connect properly;
- (2) Press trigger button and the red laser line appears, and move the laser line to cover barcodes completely, adjust barcode scanner's distance and angle to figure out best reading status;
- (3) Do not scan the setting barcodes in the manual without instruction, it may cause barcode scanner not work properly;
- (4) Avoid 90 degree to read barcodes.



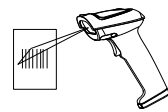
Correct Reading



Correct Reading



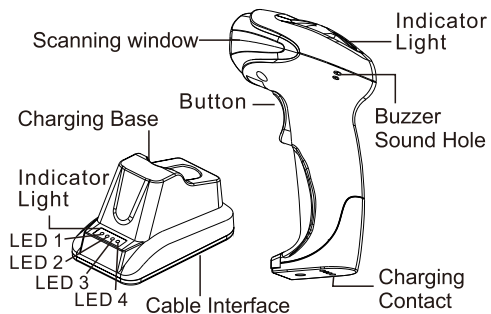
Incorrect Reading



Incorrect Reading

## Structure Chart:

- LED1: power
- LED2: charge
- LED3: Data indicator
- LED4: Equipment



## Product Features:

- 1) Powerful decoding chip to read most standard 1D barcodes;
- 2) Memory chip can store max 35000 barcodes(EAN13);
- 3) Long wireless range up to 100m in open yard;
- 4) Compatible with Android and IOS devices;
- 5) Can use as wired barcode scanner through charging cable.

## Technical Parameter:

Barcode Scanner	
Date Item	Parameter
Light Sources	617 nm LED red
Decoding capability	UPC-A, UPC-E, EAN-13, EAN-8, Codabar, Code 39, Code 39 Full ASCII, China Post, Plessey, MSI, Code 93, Code 128, Industrial 2 of 5, Interleave 2 of 5, Code 11, ISBN, ISSN, Code 32 (Italian pharm code), Code 39 extended, GS1-128 and ITF-14, SISAS, GS1 Omnidirectional, GS1 Limited, Aviation25, RSS 14.
Minimum Element Resolution	≥4mil, 3mil is ok
Scanning Principle	2500 point pixel ccd image sensors
Scanning Speed	≥270 times/sec
Scanning Mode	Manual/Continuous/Auto-flashing/Auto-scanning
Resolution Ratio	2500point
Scanning Depth	20-330mm(0.33mm,PCS90%)
Interface	USB-HID、USB-COM
Error Rate	1/500 thousand
Cable Length	1.2 m
Material	ABS+PC
Working Current	working current 170mA
Working Voltage	DC5V±5%
Shock Resistance	withstand multiple times 3 meters drops to concrete
Working Temperature	-20°C - 50°C
Storage Temperature	-40°C - 70°C
Relative Humidity	5% - 95% RH ( Non-condensing)

## Bluetooth Pairing instruction

Pair instruction

**A:Barcode Scanner pair with USB dongle**  
Step 1, Scan Below Pairing barcode I, barcode II in sequence, and the scanner LED indicator become blue and flashing;



Step 2, Connect the USB dongle to host device and wait a second, the LED indicator both become blue on barcode scanner and USB dongle after succeed pair.

**B:Barcode scanner pair with bluetooth device**

Step 1, Scan Below Pairing barcode I, barcode II in sequence, and the scanner LED indicator become blue and flashing



Step 2, Open bluetooth in the bluetooth device and search for the barcode scanner which named "R&B40" and click connect, wait a second, the barcode scanner LED indicator becomes blue after succeed pair

## Keyboard ON or OFF in IOS device



Note: Scan above Barcode to enable or disable Keyboard in the IOS device

## Interface



USB-COM



USB-HID(default)

## Auto-sense Mode



Enable



Disable

## 3 Optional Wireless Mode



Normal



Inventory



Automatic storage(default)

Note:

- 1) Normal Mode: the data will be uploaded to host device immediately after scan, out of range it will not save the data, and there will be 2 alarm beeps out of range;
- 2) Inventory Mode: the data will be saved in the memory chip, and upload data to host device as instructed; Eg: scan the "upload all data and clear", the scanner will upload all data saved in the memory chip and cleared the original data.
- 3) Automatic storage Mode: the data will be uploaded to host device immediately after scan if the scanner in range, the data will be saved in the memory chip if the scanner out of range which will heard 2 alarm beeps, press the scanner trigger to upload the saved data after back to range, and the original data in the memory chip will be cleared.

### Data upload instruction in Inventory Mode

 Upload all data

 Upload new data

 Display all data

 Display new data

 Data delete

### Scan Mode

 Manual(default)

 Continuous

 Auto-flashing

### Keyboard Caps Lock Control

 Capitalize

 Lower Case

 Case Swap

 None(default)

### Buzzer

 OFF

 ON

 Low

 High

### Transmit Speed

 No delay

 10ms

 20ms

### Image Inverted

 Direct

 Reverse

### Suffix setting

 CR(default)

 CR&LF

 NONE


### Keyboard language

 USA(default)

 Germany

 France

### Symbology configuration

 Enable UPCA to EAN13

 Disable UPCA to EAN13( Default)

 Enable UPCE to UPCA

 Disable UPCE to UPCA ( Default)

 Enable EAN13 to ISBN

 Disable EAN13 to ISBN ( Default)

 Enable EAN13 to ISSN

 Disable EAN13 to ISSN ( Default)

 Enable 5 digit Extra-code

 Enable 2 digit extra-code

 Disable extra-cpde ( Default)

 Hide front 1 digit character

 Hide front 2 digit character

 Hide front 3 digit character

 Hide last 1 digit character

 Hide last 2 digit character

 Hide last 3 digit character