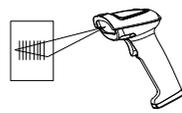# 1D wireless Barcode Scanner User Manual
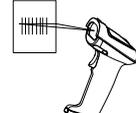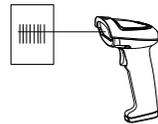

Factory Default

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 ;
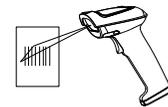(4) Avoid 90 degree to read barcodes.
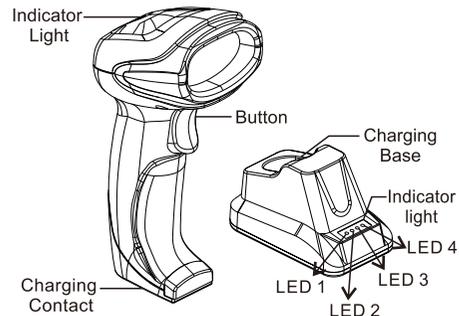

Correct Reading   Correct Reading

Incorrect Reading   Incorrect Reading

Structure Chart：

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

Indicator Light
Button
Charging Base
Indicator light
LED 4
LED 3
LED 2
LED 1
Charging Contact

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 Source	650 nm laser(Safe visible laser dioder)
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, NVE - 18, PZN, Ean-14, LOG Mars, GS1-128 and ITF-14, SISAS,GS1Omnidirectional, Gs1 Limited, Aviation25, RSS 14.
Minimum Element Resolution	≥4mil，3mil is ok
Scanning Principle	Single Laser
scanning speed	≥150times/sec
Scanning Mode	Manual/Continuous/Auto-flashing
Scanning Depth	10-250mm(0.33mm,PCS90%)
Interface	USB-HID, USB-COM
Error Rate	1/5 million
Cable Length	1．2m
Material	ABS+PC
Working Current	170mA
Working Voltage	DC5V±10%
Shock Resistance	withstand multiple times 3 meters drops to concrete
Working Temperature	-20℃ - 50℃
Storage Temperature	-40℃- 70℃
Relative Humidity	5% - 95% RH （Non-condensing)

Bluetooth Pairing Steps

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;

I.

II.

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

I.

II.

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)

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 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

Upload one data and delete

Upload one data not delete

Display all data

Data delete

Scan Mode

Manual(Default)

Continuous

Auto-flashing

Keyboard Caps Lock Control

Capitalize

Lower Case

Case Swap

None

Buzzer

OFF

ON

Low

High

Sleep Time

NO Sleep

60s

5mins

Image Inverted

Direct

Reverse

Suffix setting

CR(Default)

CR&LF

NONE

Keyboard language

USA(Default)

Germany

France

Italy

Canada

UK

Japan

Symbology configuration

Enable UPCA toEAN13

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 characters

Hide front 3 digit characters

Hide last 1 digit character

Hide last 2 digit characters

Hide last 3 digit characters