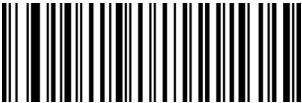


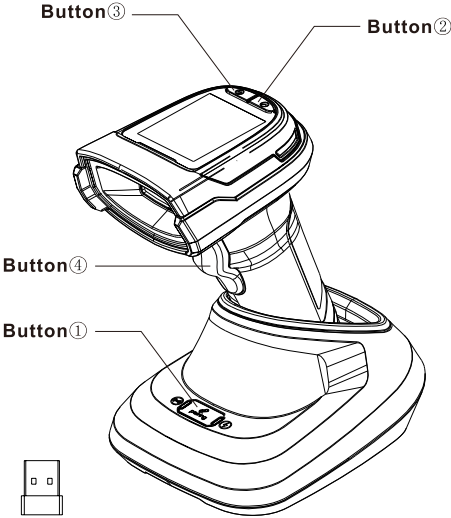
# 2D Barcode Scanner User Manual



Version

## Structure Description:

- 1) Button①: After the scanner is connected to the base, press this button to listen. After a beep, it is successfully paired with the base;  
Button②: Confirm Button;  
Button③: Select;  
Button④: Scan Button.
- 2) Enter/Exit Settings: Press buttons ② and ③ simultaneously to enter the settings mode (press again and return to the homepage interface);



## Features

- 1) Can interpret various 1D/QR codes and directly transmit Chinese QR codes;  
2) Base connection, simple and fast;  
3) The wireless distance is about 100 meters in the open air.

## Technical Parameters

Barcode Scanner	
Data Items	Parameters
Light Sources	White lighting, green aiming light
Supported Symbologies	1D: Codabar, Code39, Code32Pharmaceutical (PARAF), Interleaved 2 of 5, NEC 2 of 5, Code 93, Straight 2 of 5 Industrial, Straight 2 of 5 IATA, Matrix 2 of 5, Code 11, Code128, GS1-128, UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, MSI, GS1 DataBar Omnidirectional, GS1 DataBarLimited, GS1 DataBar Expanded, China Post(Hong Kong 2 of 5), Korea Post, 2D: PDF417, Micro PDF417, QR Code, GS1 Composite Codes, MaxiCode, Aztec, Data Matrix, HANXIN.
Scan Principle	Imaging CMOS
Resolution	640*480
Scan Mode	Manual/Continuous/Automatic Induction Scanning
Scan Angle	Tilt ±65°, Rotate 360°, Deflection ±65°
Depth of scan field	Code 39(5mi)7-16cm; Code 39(13mi)7-32cm; QR code(15mi)3-18cm; Code 128(20mi)6-35cm
Error Rate	1/5 million
Contrast	≥20%
Interface	USB-HID, USB-COM; Bluetooth:HID, BLE
Screen Function	View barcode data in real time; View stored data in real time; Check power in real time; Real time display; Scanner can be set through the screen
Wireless Distance	100 meters (Open distance)
Working Voltage	DC5V±5%
Operating Current	≤250mA
Lithium Battery	2200mA
Charging Model	Base direct charging
Operating Temperature	-20℃~50℃
Storage Temperature	-40℃~70℃
Relative Humidity	5%~95%(No condensation)

## Factory Default



## Pairing instruction

Pair instruction

Method 1:

**A: Barcode Scanner pair with USB Base**  
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 Base to host device and wait a second, the LED indicator both become blue on barcode scanner and USB Base after succeed pair.



Method 2: After the base is connected to a computer or other equipment, place the scanner on the base' and then press the button on the base. After hearing a beep, the blue light will stay on, indicating successful pairing.

**B: Barcode scanner pair with bluetooth device**  
Method 1:  
Step 1, Scan Below Pairing barcode I, barcode II in sequence, and the scanner LED indicator become blue and flashing.



Step 2, Open mobile device bluetooth settings and search for “RB\_Scanner\_HID” then connect it. When the scanner LED indicator becomes blue, the pairing is complete.

Method2: Simultaneously press buttons ② and ③ to enter the settings mode, select the connection mode Bluetooth HID mode, then return to the settings page and select pairing mode OK. At this time, the screen will flash. Open the phone and search for "RB Scanner HID", click pairing, and hear a beep from the scanning gun to successfully pair.

## Display and hide of keyboard in IOS system



**Note:**

Connect Bluetooth on IOS devices. If the keyboard is displayed, scanning this barcode will hide the keyboard; If the keyboard is hidden, scanning this code will display the keyboard.

## Total reset to zero



**Note:**

After scanning the barcode, the count displayed on the screen will be cleared.

## 3 Optional Wireless Mode



Instand upload



Inventory



Automatic storage(default)

**Note:**

- 1) Instant upload mode: Scan the barcode to enter the instant upload mode. You will hear a "beep" sound normally. In this mode, the scanned results will be uploaded to the computer instantly.
- 2) Internal storage mode (inventory mode): Scan the barcode to enter the inventory mode. The scanned data will be stored in the internal memory. A "beep" sound will be heard normally. All barcodes stored in this mode can be uploaded by scanning the setting code. data to computer.
- 3) Automatic storage mode (default mode): Scan the barcode to enter automatic storage mode, that is, no loss mode. In this mode, when there is a signal (the normal sound is a "beep"), the data will be uploaded to the computer immediately. When the signal is weak or there is no When there is a signal (the normal sound is a "tick"), the scanned data will be stored in the internal memory. When there is a signal, the data will be automatically uploaded to the computer.

**Data Upload Instruction in Inventory Mode**



Upload all data



Upload new data



Display all data



Display new data



Data delete

**Transmit Speed**



No Delay(default)



Delay 10ms



Delay 20ms

**End Character**



CR(default)



CR&LF



Disable

**Scan Mode**



Manual(default)



Continuous



Auto-sensing

**Buzzer**



ON



OFF



High



Mid



Low

**Reverse Barcode Setting**



Allow



Prohibition  
(default)

**Turn on/off all symbologies**



Enable all  
1D barcodes



Disable all  
1D barcodes



Enable all  
2D barcodes



Disable all  
2D barcodes

**Website Barcode Settings**



ON



OFF

**Sleep Time Setting**



1 minute(default)



5 minute



10 minute



Not sleeping