

# 2D Wireless Barcode Scanner User Manual

V3.3.23.0801

- ◇ Support wired and wireless data transmission
- ◇ Long distance transmission
- ◇ Large-capacity storage data
- ◇ With a large capacity battery long standby time of the power management system

## Standard Package:

- ◇ Barcode Scanner\*1
- ◇ Receiver\*1
- ◇ Cable\*1
- ◇ User Manual\*1



Display Power

## ▼ Introduction

This product has 2.4GHz, Bluetooth, Virtual serial port, RS-232 and USB wired transmission modes for choice, and supports decoder and wireless software upgrade. After the scanner is turned on, it will automatically enter the interface detection state. When the data cable is recognized, it will enter the wired transmission mode, otherwise it will enter the wireless transmission mode.

## ▼ Precautions

1. Please read this user manual carefully before using the barcode scanner. and "" is the factory default setting.
2. Please use a 5V power adapter to charge to ensure the normal operation of the scanner.
3. This manual is a common configuration, if you need a special configuration, please contact the dealer for it.
4. Do not scan the non-required function setting code, so as not to affect the use.

## ▼ Electrical Instructions

1. Transmission method: wireless 2.4G, virtual serial, and optional Bluetooth and RS-232
2. Charging interface: Cable or optional base
3. Working voltage: DC 5V/500mA
4. Working current:  $\geq 150\text{mA}$
5. Standby current:  $\geq 10\text{mA}$
6. Transmission distance: 2.4GHz  $\leq 80$  meters, Bluetooth  $\leq 50$  meters (experimental data)

Note: Different products, the parameters are slightly different, please refer to the actual.

The experimental data is in an open and non-interfering environment, which is for reference only, and the actual use environment data is different.

## ▼ System Setting



Factory default



Firmware version

## ▼ Pair Method



Pair setting



Clear pair

1. Read the communication mode
2. Read the "Pair Setting" code to enter the pairing mode, and then the green light will be flashing. (Bluetooth function also can press the button with 8s to enter the pairing mode.)
  - 2.4G: Plug in the USB receiver to device.
  - Bluetooth: Turn on Bluetooth setting of device and search for "BarCode Scanner HID" to connect.
3. If there is sound and the blue light is always on, the device is successfully paired. (Remark: The pairing time is about 1 minute, if timeout and not paired, it will automatically exit.)

Note: If it is unclear whether other receivers are connected, please read "Clear Pair" first.

## ▼ Communication



\*2.4G(Receiver)



Bluetooth HID



Bluetooth SPP



Bluetooth BLE

## ▼ Upload Speed Setting



Fast



Medium



Low



Ultra low

## ▼ Case Conversion



\*Default setting



All lowercase



All uppercase



Case swapping

## ▼ Bluetooth HID Function



HID keyboard display/hidden setting



Disable double-click HID keyboard display/hidden setting



Enable double-click HID keyboard display/hidden setting



Display bluetooth name

## ▼ Sound Setting



Disable sound



Low



Medium



\*High



Decoding sound



\*Wireless sound

## ▼ Decoding Sound Setting



Enable decoding sound

Note:SR/HD/HHD effective



\*Disable decoding sound

## ▼ Sleep Time Setting



1 minute



\*5 minute



30 minute



OFF

## ▼ LED Description

- Steady red light: charging
- Red light off: fully charged or not connected to charge.
- Red light flashes: the battery is not installed or the battery is not installed properly.
- Blue light is always on: the wireless or wired connection is normal.
- Green light flashes quickly: the pairing status in 2.4G or SPP mode.
- Green and blue lights flash alternately: pairing status in HID mode.
- The green and blue lights flash quickly: the pairing status in BLE mode.
- Green and blue lights flash slowly: Enter the upgrade state.

## ▼ Vibration Setting (Optional function)



\*Enable



Disable

## ▼ Buzzer Description

Sound type	Description
one long beep (low first high after )	Scanner on
one long beep (high first low after)	Scanner off
one short beep(low)	Scan code or pair receiver or wireless connected successfully.
one short beep (low first high after)	Save scanning data in storage.
one short beep (high first low after)	Scan setting code
3 times short beep(low)	2.4G send data fail or cache is full
5 times short beep(low) and stop scanning	Power off
Two short beep(low)	2.4G Disconnect
Two short beep(high)	Scan the Settings code which does not work

1. Thunderbolt weather, please dismantle the equipment power supply and all connect-ons to avoid thunderbolt damage.
2. Keep away from heat sources and keep ventilation.
3. Pay attention to waterproofing in storage, transportation and operation environment.
4. This product prohibits the use of chargers with markings greater than 5V to avoid danger.



**Warning**