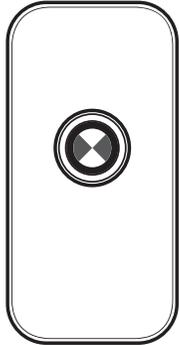


# Mini Bluetooth Barcode Scanner

## User Guide



### Features

- ▶ Wired , wireless and bluetooth triple-mode freely switching.
- ▶ Large capacity storage, safe and reliable.
- ▶ Stores barcodes more than 50000pcs off-line scanning.
- ▶ Unique power management system, ultra-long standby time.
- ▶ Rich symbologies supported
- ▶ Adopting imported trigger button, long lifespan, fitting perfectly in your hand for comfortable use.
- ▶ Support Android/IOS devices/Windows
- ▶ Support HID, SPP, BLE protocol
- ▶ Mini size, fashion design, and portable
- ▶ Ultra low power consumption and standby time setup available
- ▶ Bluetooth transmission distance: 15m (indoor)
- ▶ Support upload data and charge the battery via USB cable at the same time.

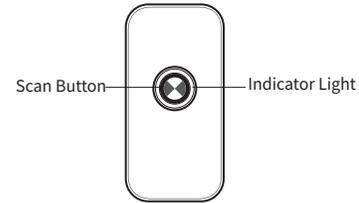
### Performance Parameters

Wireless protocol: bluetooth 2.4G  
 Memory: 16Mb  
 Processor: ARM Cortex 32bits  
 Bluetooth version: Bluetooth 4.1Module  
 Supported symbologies: 1D: Codabar, Code 11, Code93, MSI, Code 128, UCC/EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN, Industrial 25, Interleaved 25, Standard 25, 2/5 Matrix,  
 2D: QR, DataMatrix, PDF417, Aztec, Hanxin , Micro PDF417(option)  
 Indicator: Led, Buzzer, Vibrator(option)  
 Battery capacity : 650mA  
 Charging voltage/current: 5V/1A  
 Endurance: 1D≤12H 2D≤8H (5seconds/scan)  
 Charge time: ≤2hours  
 Standby: >30days

### Working Conditions

Working Temperature: 32°F to 104°F/0°C to 40°C  
 Storage Temperature: -40°F to 140°F/-40°C to 80°C  
 Humidity: 5% to 95% relative humidity (no condensation)  
 Ruggedness: Resist about many times drops from 1.5m to concrete ground  
 Ambient Light Immunity: Under normal office and factory ambient lighting conditions, or exposed to the sun won't take any effect to it.  
 Electrostatic discharge: In line with 15KV air discharge and 8KV contact discharge requirements

### Button Description



### Bluetooth Pairing STEPS

Pair with operating system (Including Android, ios, win system) that with Bluetooth function :

A: Start the scanner and long press for 8 seconds or scan the bluetooth pairing setup barcode to enter the bluetooth search mode.



HID Pairing Setup Barcode

B: Turn on Bluetooth in the device to detect bluetooth device named with "Barcode Scanner HID". If pair successfully, you will hear a beep.

Note: When the scanner enters the state of matching and it does not pair with bluetooth successfully within 1 minute, there is 2 times long low sound indicated failing match and return to scanning mode.  
 (Or trigger twice to exit match mode and revert to scanning state)

Plug usb and it cannot pair with dongle anymore

### 2.4G Pairing Steps

PC terminals ,like desktop computer, which is not equipped with bluetooth, need to pair with Dongle, Dongle Pairing Steps as follow:

A: Scan Dongle setup barcode



B: Scan "Compulsory Pair with Dongle Setup Barcode" so that enter into pairing state.



Compulsory Pair with Dongle Setup Barcode

C: Plug the receiver, If pair successfully, you will hear a beep.

Note: When the scanner enters the state of matching and it does not pair with dongle successfully within 1 minute, there is 2 times long low sound indicated failing match and return to scanning mode.  
 (Or trigger twice to exit match mode and revert to scanning state)

Plug usb and it cannot pair with dongle anymore

### Operating Mode

In normal mode, the scans are uploaded directly to computer via USB cable or WIFI dongle. If succeeds, barcode scanner will make a low-frequency short tone. If it fails, there will be three low frequency short tones to alarm. In normal mode, if fails, the data will be lost. You can scan below:



normal mode

If the transfer range is beyond Bluetooth wireless transfer range storage mode is suggested, in which scans are stored in internal storage after being scanned.

In storage mode, if a barcode is scanned and the scanner will make a short tone and scans are automatically stored in scanner's internal storage.

If the internal storage is full, the scanner will emit three low-frequency short tones to alarm.



storage mode

By scan "Total amount of stored barcode" barcode, to check the total amount of scanned barcodes in storage:



Total amount of stored barcode

### Operating Mode

Upload the stored data by scanning the "Data Upload" barcode. After data upload, it won't delete the barcode on the scanner automatically. So the user can scan the "data upload" many time to upload the data.



Data Upload

Note: When uploading data, please ensure the wireless signal is perfect, or upload after connecting with USB cable

By scanning "Clear Data" to clear the scans in storage, the cleared scans won't be uploaded once cleared. Please confirm whether the scans have been uploaded before clear them.



clear data

## End Character Settings

Choose the end character you need to add



Add CR



Add LF



Add CR+LF



Cancel CR+LF



Add TAB

## Standby Time Settings



Standby after 1 min



Standby after 5 mins



Standby after 10 mins



Standby after 30 mins



Never enters Standby



Standby fastly

## Language Settings



English



German



French



Spanish



Italian



Japanese



Only for PC American Keyboard output

## Disclaimer

The company does not assume any responsibility for losses caused by natural disasters (such as earthquakes, floods, etc.) that exceed our ability to act.

The company is not responsible for any product liability associated with or arising from the application or use of any product, circuit, or other application described herein. About the system, equipment, machinery, materials, methods or processes that may be used in this product, or any combination with this product, the company does not express, imply, estoppel permission in any other means in connection with a patent or patent. The company only provides implied licenses for the equipment, circuits and subsystems included in its products.

The company does not assume any responsibility for the loss caused by improper use of communication hardware or software not specified.

The company does not assume any form of guarantee and technical support responsibility for third-party software used by.

## Capital and Lowcase Switch



Transfer to Lowcase Set



Transfer to Capital Set



Turn off Switch



Capital and Lowcase Switch

## Pull up and Hide IOS Keyboard



Pull up and Hide IOS Keyboard



Trigger twice to pull up iOS keyboard



Trigger twice to disable iOS keyboard

## Sound and Vibration Setting

Select the setup barcode you demand



Turn Off the Sound



Turn On the Sound



Turn Off the Vibration (Option)



Turn On the Vibration (Option)

## Bluetooth protocol

Select the desired communication bluetooth protocol barcode



bluetooth HID mode



bluetooth SPP mode



bluetooth BLE mode

Note: Scan above barcode to enter the bluetooth searching state

## Reset Configuration to Defaults

During usage, if you scan other set-up barcode by mistake and the scanning cannot perform as normal way, you can scan the initialization setup barcode to revert.



Reset Configuration to Defaults



Version Information

## LED Indicator

indicator color	description
blue light flicker and extinct fastly	Read barcode successfully and make a short sound
red light-the charge lamp	Red light on means Charging state, after full, it will be off.

## Buzzer

Sound Type	Description
a long sound (First low then high frequency)	Means power on
a long sound (First high then low frequency)	Means power off
a short sound ( low frequency)	Means read barcode
a short sound (First low then high frequency)	Means data has been stored
a short sound (First high then low frequency)	Means scan the set-up barcode
a short sound (low frequency)	Means wireless transmission failed or cache is full

During normal usage or start-up process, if the buzzer continuously makes five times long sound (low frequency), then automatically power off. It means the power capacity is too low and need to be charged before use.