

2.4G+BLE Dual Mode Wireless
2D Barcode Scanner

Quick Start Guide

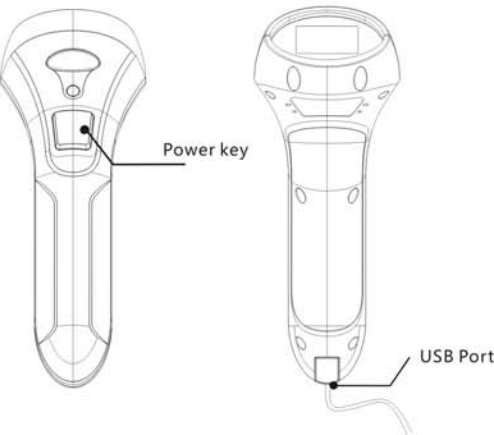
- 2.4G+BLE dual mode wireless transmission
- Built-in FLASH memory support breakpoint resume after reconnect
- Offline scanning, can store more than 100,000 EAN-13 barcodes
- 2.4G plug-and-play & BLE password free connect
- Support USB HID + 2.4G wireless Chinese directly transmission
- Support Windows XP/7/8/10, MAC OS, Android, iOS operating system

- Accessories
- 1 X Scanner
 - 1 X USB cable
 - 1 X Quick Start Guide
 - 1 X Certificate
 - 1 X Setup card for inventory function
 - Power adapter (optional)

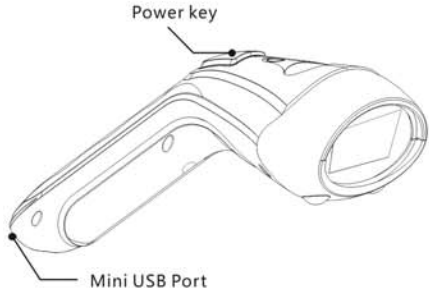
2.4G + BLE Dual Mode Wireless 2D Barcode Scanner

High performance processors and decoder chips, using high sensitivity decoding lens, has a fast decoding and high-precision identification capability, high resistance to external ambient light interference. Can scan all kinds of 1D and 2D codes, easy to read the barcode on paper,goods,LCD screen and other media, fast scanning speed, strong reading performance with high accuracy.

Appearance Description

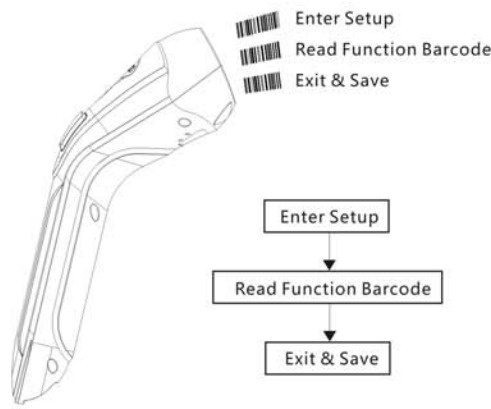


- Wired USB HID mode
- USB virtual serial port mode
- Wireless 2.4G mode, can directly applied to PC
- Wireless BLE mode, can directly applied to Android phone,iPhone and tablets



- ★ Decode abundant 1D barcodes and 2D images
- ★ Proprietary intellectual property rights
- ★ Shockproof & anti-fall design
- ★ Comfortable operation touch
- ★ Power Key life cycle up to 3 million times
- ★ 1800mAh high capacity lithium-ion battery
- ★ Ultra-long working hours

Function Setup



Barcode scanner can setup all funtions through reading setting barcode

LED Indicators

Indicator light colour	Indication
Red light	Charging indicator light,red light on when charging and off when full charge
Blue light flashing	Barcode scanner in BLE mode, can connect with Android and Apple devices
Blue light keep on	BLE has been already connected with Android or Apple devices
Green light flashing	Barcode scanner in 2.4G mode
Green light keep on	Already connected with 2.4G mode

Beeping

Beeping	Indication
One short beep (high tone)	Reading barcode
One long beep (low tone)	Setting error or buffer memory full
Two short beeps (high tone)	Power off
Three short beep(high-middle-low tone)	Enter or exit setting
Three short beep(low-middle high tone)	Power on

Transmission mode & Priority

Dual wireless 2D barcode scanner suppor 4 transmission modes, USB keyboard, USB serial port, 2.4 G wireless and BLE wireless.

1. USB transmission is the highest transmission grade,so data transmission through USB mode for priority.Dual wireless 2D barcode scanner can auto identify the USB connection status.
 - USB keyboard mode: USB data cable connection
 - USB serial port mode: USB data cable connection, USB serial port corresponding virtual COM is opened.
2. 2.4G wireless and BLE wireless can switch through barcode set up. The wireless grade is lower than USB wired,that's to say, wireless and wired connected at the same time, data first pass USB mode transmission.

USB Transmission

USB Mode Switch

Dual wireless 2D barcode scanner support USB keyboard and USB serial port two modes, factory default is USB keyboard. If you need use serial port mode, please scan "Enter Setup" - "USB serial port" - "Exit & Save". Same way switch to "USB keyboard".
Attention: When USB mode switch, dual wireless 2D barcode scanner will auto shut off. You need re-start up, re-connect USB data cable.

Function setup as below:



Enter Setup



USB Keyboard



USB Serial Port



Exit & Save

2.4G Wireless Mode

Enable 2.4G Wireless Mode

Dual wireless 2D barcode scanner support 2.4G wireless data transmission, factory default 2.4G mode enabled. Also the user can scan "Enter Setup" - "Enable 2.4G" - "Exit & Save" to enable 2.4G wireless transmission function.

Function setup as below:



Enter Setup



Enable 2.4G Wireless Mode



Exit & Save

2.4G Paring

If you forget pair with adapter or not, you can plug the 2.4G adapter into PC. Then scan.
"Enter Setup" -" Scan & Pair" . As soon as you hear high-mid-low high tone beep, it means paired successfully. Note: Be cautious of using 2.4G paring function

Function setup as below:



Enter Setup



Scan & Pair

BLE Wireless Transmission

Dual wireless 2D barcode scanner only supports bluetooth 4.0 BLE keyboard transmission mode, mainly apply to Android phone, tablet, win10 system + bluetooth 4.0 adapter data transmission.

Enable Bluetooth

Dual wireless 2D barcode scanner supports BLE wireless data transmission. Bluetooth is default off. Also can scan "Enter Setup" - "Enable bluetooth" - "Exit & Save" to enable bluetooth wireless transmission function.

Notes: Pls do not connect scanner with USB data cable when use BLE wireless transmission, OR data will be transmitted through USB.

Function setup as below:



Enter Setup



Exit & Save



Enable Bluetooth

BLE Connection

Take a cell phone as an example:

1. Please refer to "Enable Bluetooth" guide to enable Bluetooth function;
2. Turn on Bluetooth of cell phone and search;
3. Find "CT1602XXXXX" keyboard device in search list of phone;
4. Note: The last 6 bits are the serial numbers of each devcie.
4. Click on the device connection, the phone will auto matically pair and connect within 3-5 seconds;
5. When "connected" appears, bluetooth keyboard has been connected successfully. You can scan and upload bar codes to any editable pages.

Note: We recommend you to use the system default Android keyboard input method, to avoid special characters missing.

Language Setting

This Scanner supports multiple languages switching. Scan "Enter Setup" - "Language Barcode" - "Exit & Save" . and set PC with the corresponding language.



US Keyboard



German Keyboard



French Keyboard



Spanish Keyboard



Italian Keyboard

Inventory Mode

This scanner can save barcodes information in buffer inventory mode to upload multiple, that is inventory function. When open, scanner can auto count barcodes quantity, you can control the upload time and position etc., also can clean up the barcodes in the buffer memo after upload, the specific setup methods as below:

Inventory Function

Scan "Inventory Mode" barcode, entering inventory function.



Inventory Mode

Normal Mode

Scan "Normal Mode" barcode, entering normal mode



Normal Mode

Data Upload

Scan "Data Upload" barcode, can upload the barcodes in buffer memo (only apply to inventory mode)



Data Upload

Common Functional Barcodes



(*) Boot without Memory Clear



Factory Reset

Clean Up Buffer Memo

Scan "Clean Up Buffer Memo" barcode, clean up the barcodes in buffer memo (only apply to inventory mode)



Clean Up Buffer Memo

Upload Statistics

Scan "Upload Statistics" barcode, can count barcodes quantity (only apply to inventory mode)



Upload Statistics



Enter Setup



Exit & Save



(*) Enable Data Save



Exit without Save



(*) Enable Auto Upload



(*) Suffix with Line Feed



Suffix with Double Tab



Disable Data Save



Suffix with Tab+Line Feed



Auto Power Off



Disable Auto Upload



(*) Suffix with Tab



Delete Line Feed

Disclaimer

We disclaim any and all liability for the damages caused by nature disaster,such as earthquake,flood etc.
Under no circumstance,we disclaim any and all liability for any damages caused by use of our products(including the profit loss,credit loss,interruption of business,storage data lossanges or any other particular,direct/indirect loss caused by this.

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We disclaim any type of guarantee and technical support liability for the third-party software which is used based on our products.

This manual is delivered on an "AS-IS" and "AS-AVAILABLE" basis,except where prohibited by law,we do not make any type of specific promised to the accuracy or reliability of the content.



caution

- 1.Please remove the power and USB cable under thunderstorm weather conditions to avoid damage from thunder and lighting.
- 2.Keep away from heat sources,please ensure sufficient air circulation.
- 3.Pay attention that the scanner is waterproof during storage,transportation and running.
- 4.Please use DC 5V500mA power adapter.

This manual only for reference.The company reserves the right to interpret this quick start guide.

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.