2D Wired Barcode Scanner User Manual

（Please read this manual carefully before using the product and keep it properly）

V1. 0. 0

Disclaimer

✧ Have no right to make any modification or change to the products without the permission of the company.

✧ The company will not be responsible for any damage or problems caused by the options or consumables (not the original products or approved products provided by the company).

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✧ All pictures in this manual are for reference only and actual product may differ.The company reserves the right to interpret this document.The company has the right to update and improve the product without prior notice and the right to modify the manual.

Product Features

✧ The shape design conforms to ergonomics and is easy to use.

✧ Strong reading performance, quickly read the mainstream one-dimensional code, two-dimensional code on paper, computer or mobile phone screen;

✧ It can quickly read the payment code, electronic volume, discount volume and so on on the screen of mobile devices, which can be used in the high-flow cashier environment.

✧ Support USB, Bluetooth，and 2.4G communication.

✧ Be adaptable to a variety of demanding and complex environments,such as total darkness,high temperature and humidity,impact,vibration and ,strong exposure etc.

✧ Support mainstream Windows ,Android and Linux system.

Warning

✧ It is strictly prohibited to use the product in places where there is any potentially explosive gas or conductive liquid to avoid danger.

✧ It is strictly prohibited to install or use the product during the period of thunder and lightning and prohibited to disassemble the components to avoid danger .

✧ Do not expose the window of module to direct sunlight and high temperature.

✧ Do not use the production the environment with high temperature, high humidity, too low

temperature or easy to generate electromagnetic radiation.

✧ If you find that there is abnormal smell, overheat or smoke in the surrounding environment, please cut off the power immediately and stop using this product.

Warranty Card

Product Name： _____

Product Model No： _____

Date of Purchase： _____

Warranty period: From the date of purchase,our company provides_____days warranty

Free warranty is not provided in the following cases:

✧ Disassembled and repaired products without permission.

✧ Warranty card lost,alteration,defect or beyond the warranty period.

✧ Malfunction caused by operation not in accordance with the instructions.

✧ Man-made damage caused by malfunction, scratches or damage caused by water ingress or falling.

✧ Malfunction caused by irresistible factors.

Perfomance Parameters

CPU	32bit Security Processor
Camera	640（Horizontal）x480（Vertical）CMOS,30fps
Light Source	White LED 6500K LED / RED LED Positioning
View Angle	Horizontal 32°,Vertical 24°
Scan Angle	Roll 360°,Pitch±60°,Skew±60°
Depth of Field	EAN13：40~280 mm（13mil） Code39：40~105mm（5mil） Code128：45~370 mm（15mil） QR Code：30～210mm (15mil)
Support Code	1D：EAN13、EAN8、UPC-A、UPC-E0、UPC-E1、Code128、Code39、Code93、CodaBar、Interleaved 2 of 5、Industrial 2 of 5、Matrix 2 of 5、Code11、MSIPlessey、Standard 2 of 5、Plessey、China Post、Code16K、GS1 Databar(RSS-Expand, RSS-Limited, RSS-14) 2D: QR、PDF417、DataMatrix（ECC200）、Aztec、Micro QR、Hanshin code、Maxicode、Micro PDF417
Resolution	1D ≥ 4mil / 2D ≥10mil
Symbol Contrast	≥15%
Battery	2200mA
Charge Voltage	USB5V±5%
Current	370mA
Expected Charge Time	5V/500mA：≤4.5 小时 / 5V/1A ≤3 小时
Expected Battery Life	12 hours of continuous operation(scan once per 6 seconds）
Memory Capacity	20000 pieces（13byte EAN13 code）
Communication modes	USB / Bluetooth 4.2 / 2.4G
Communication Distance	≥80 meters（Bluetooth） / ≥80 meters（2.4G）
Dimensions	138.18mm x 101.51mm x 63mm
Weight	160g
Environmental Parameters	Operating Temperature：-20℃~60℃ Storage Temperature：-40℃~70℃ Working Humidity：5%RH~95%RH（Non-condensing）

Product Using and Setting Instructions

Using Instructions

✧ Connect the USB wireless receiver with the host interface end (USB interface), press the device scan code key, beep prompt, initialize successfully, LED blue light is always on green light flashing to 2.4G pairing mode, successfully connected blue light is always on, enter the scan code mode.

✧ LED blue light and green light flash for Bluetooth HID pairing mode, in the mobile phone Bluetooth search named "BARCODE SCANNER HID" device click to connect, successfully connect the blue LED and other solid light, enter the scan mode.

✧ Using a USB cable to directly connect the scanner and the computer, Wired transmission is possible.

LED Status description

LED Status	Illustrate
The red LED always on	Charging status
The green lED flashing one time	Scanning successfully
The blue LED always on，the green LED flashing quickly	Wait for the 2.4G connection
The blue LED and green LED alternating flashes quickly	Wait for the Bluetooth HID connection
The blue LED flashing quickly	Wait for the Bluetooth SPP connection
The blue LED and green LED flashingSync flashes quickly	Wait for the Bluetooth BLE connection
The blue LED always on	Bluetooth/2.4G connection successful

Beep prompt instructions

Beep Stasus	Illustrate
The buzzer makes a long noise	The set booted successfully
Beep short (low frequency)	Scan normal barcode successfully

	Bluetooth/2.4G connection successful
Beep short (first high frequency and then low frequency)	Scan the setup code successfully
Beep short (first low frequency and then high frequency)	The scan results are stored in storage
Beep short twice (low frequency)	Bluetooth/wireless disconnect
The buzzer makes a long noise	Enter hibernation
Beep alarm for a long time	Low voltage state
The buzzer alarm sounded three times	The scan code data upload was unsuccessful
	The storage data is full

System settings

Restore Factory Defaults   Display the battery level

Selection the Communication mode

✧ The communication mode has 2.4G mode, Bluetooth HID mode, Bluetooth SPP mode, Bluetooth BLE mode

✧ Default communication mode：2.4G mode

**2.4G mode

Bluetooth HID mode

Bluetooth SPP mode

Bluetooth BLE mode

✧ After reading the mode configuration code, you need to read the following setting code for pairing operation

Enter the pairing state

Scanning mode

✧ Manual mode is a default scanning module. In manual mode, press the trigger button, the scanning module starts shooting and reading.

✧ Continuous Mode is a way for the scanning module to continuously capture, scan and output information.

**Manual Mode

Continuous Mode

Data transfer mode

✧ In the default normal mode, the scanned data is transmitted to the receiving end via wired or wireless.

✧ Warehousing mode, after the successful scanning of the code, the data is stored in the memory of the scanning gun, which can be viewed by viewing the total entries stored and uploaded data, and up to 20,000 13-bit barcode data can be stored.

✧ The data in the memory can be cleared by scanning the storage data.

**Normal mode

Warehousing mode

Displays the total storage entries

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Data upload

Clear storage data

Vibration switch

✧ The product turns on the vibration motor by default, and there is a vibration effect when the code is successfully scanned

**Vibration ON

Vibration OFF

Sound Control

✧ Default: Mute OFF, turn on all of the beep sounds.

Mute _ ON

** Mute _ OFF

Sleep time settings

Sleep time 30 seconds	** Sleep time 1 minute
Sleep time 2 minute	Sleep time 5 minute
Sleep time 10 minute	Sleep time 30 minute
Immediately go to sleep	Never sleep

Global Symbologies Shortcuts

Enable All Symbologies

** Enable Default Symbologies

Tail

Tail OFF

** CR Tail（0x0D）

TAB Tail (0x09)

CRLF Tail (0x0D 0x0A)