

Bluetooth barcode scanner

Quick Start Guide

Package Include:

1x Handheld barcode scanner

1x USB receiver

1x USB Cable

Decoder parameters:

Working current : 3.5 V \pm 10%x100mA

Light source : 632nm Visible red light

Sensor : Linear CCD Sensor, Resolution : 2500

CPU : ARM 32-bit Cortex, Decoding speed : 300/sec

Decoding accuracy : $\geq 3.3\text{mil}$ @PCS90% CODE39

Trigger Mode : Button,Continuous scanning,Auto-Induction

Printing Contract : $\geq 30\%$ Depth of Filed : 30-500mm,

Scanning angle: rotation30° inclination 60° declination 60°

DecodeCapability :EAN-8,EAN-13,Codabar,CODE11,CODE39

CODE93, CODE128, China Post, GS1-128, GS1-Limited,
GS1-Omnidirectional,UPC-A,UPC-E, Interleaved 2 of 5,Matrix
2of5,Industrial 2 of 5 , ISBN/ISSN, ISBT ,MSI,Plessey, ITF14, etc.

Read linear barcode on paper and screen.

Button life : 1000,000 times, LED life : 100000 hours

Upload mode : Instant upload mode,Storage mode,

Storage : 512KB=5000 EAN13 barcodes

Working time : Full load≈18hours,Normal use ≈3 to 10days

Compatible system: Windows series, Mac、 Android、 IOS

Connection: Bluetooth connection, Wired connection

Wireless type : Bluetooth, Distance : ≤10m/33ft

Shape description

Dimensions: 120X48x23mm

Charge LED: _____

During charging, the green light is on.

When the green light is off, the charging is completed

Decoder LED: _____

Press button to start the scanner, the green light is on.

When the reading is successful, the green light flashes once.

Bluetooth LED: _____

When the scanner is set into pairing mode,the blue light will flashing.

When bluetooth connection is successful,the blue light will stop flashing.



Connection Mode Setting

I.Wired Mode:

1. Connect the scanner to your computer Via USB cable
2. Press the scanner's blue button to start the scanner.
3. Scan the following code to convert the scanner to wired mode



Wired Mode

- 4.Run Microsoft Word or notepad on computer,put the cursor in the field. when barcode is scanned, the scanner inputs the barcode into the location of the cursor.

II.Bluetooth Mode:



Bluetooth Mode



Match

Note:

- 1.Be sure the scanner is set to Bluetooth Mode.
- 2.The Scanner name: "General Bluetooth HID Barcode".
- 3.when you need to switch devices, you have to delete the pairing and re-establish connection between the scanner and the device.

Pairing with Android 、IOS device.

1. Press the button, the buzzer sounds twice, the green light is on and the scanner starts.

2. Read "Bluetooth mode" barcode to convert scanner to bluetooth mode
3. Read "Match" barcode, blue light flashing which means in matching mode.
4. Turn on the Bluetooth in Android / IOS device, search for "General Bluetooth HID Barcode"
5. Click "General Bluetooth HID Barcode" in available device, when the connection is successful, the blue light is normally on and the buzzer drops twice.

Pairing with Windows 8/10

1. Insert the Bluetooth USB receiver, the computer will automatically install the drive.
2. Press the button, the buzzer sounds twice, the green light is on and the scanner starts.
3. Read "Bluetooth mode" barcode to convert scanner to bluetooth mode
4. Read "Match" barcode, blue light flashing which means in matching mode.
5. Open the Control Panel, click on the "Add a device", the computer will search "General Bluetooth HID Barcode"
6. Click the device and click "Next", the computer will automatically install the driver ,When the connection is successful, the blue light is a normally on and the buzzer drops twice.

Pairing with Windows 7

1. Insert the Bluetooth USB receiver, the computer will automatically install the drive.
2. Press the button, the buzzer sounds twice, the green light is on and the scanner starts.
3. Read "Bluetooth mode" barcode to convert scanner to bluetooth mode
4. Read "Match" barcode, blue light flashing which means in matching mode.
5. Open the Control Panel, click on the "Add a device", the computer will search "General Bluetooth HID Barcode"

6, Double-click the device, the computer will automatically install the driver ,When the connection is successful, the blue light is a normally on and the buzzer drops twice.

Pairing with Windows XP

1, Insert the Bluetooth receiver, the computer will automatically install the drive.

2, Press the button, the buzzer sounds twice, the green light is on and the scanner starts.

3, Open the Control Panel, click "Bluetooth device"→
click the Add button, Then, Select "My device is set up and ready, you can find", click Next.

4, Read "Bluetooth mode" barcode to convert scanner to bluetooth mode

5.Read "Match" barcode, blue light flashing which means in matching mode.

6, the computer will search "General Bluetooth HID Barcode"

7.Double-click the device, The dialog box appears, choose not to use keys, click" Next", the computer will install the driver ,When the connection is successful, the blue light is a normally on and the buzzer drops twice.

Upload Mode Setting

Under Bluetooth mode,there are two upload mode:

A.Instant upload mode: Scanning barcode and real-time upload the barcode.

****To set the scanner to instant upload mode,please scan the following barcode**



Instant upload mode

B.Storage mode: Under storage mode, all scanned data will be stored directly into the buffer memory of the scanner. Internal storage

supports up to 5000 barcodes .You could upload the data to computer when you need it.

An operation in storage mode is strongly recommended under the following scenarios:

- 1) During the scanning process, the device often leaves the Bluetooth signal range;
- 2) Due to a high quantity of blocking objects, the Bluetooth signal's stability can't be ensured.

****To set the scanner to storage mode ,please scan the following barcode**



Storage mode

**** Scan the following barcode to upload the stored data**



Upload data

****Scan the following barcode to show total number of stored barcode**



Show total storage

****Scan the following barcode to clear all the stored barcode**



Clear data

Scanning Mode setting

Key trigger mode: Red light is on when pressing the button

Continuous scanning mode: Red light always on when the scanner is electrified. The scanner reads barcode without pressing any buttons.

Auto-induction mode: Red light is on when a barcode appear in front of the scanning window and then the goes out after the barcode is read

** Scan the following barcode to set the scanner to key trigger mode



Keys Trigger mode (default)

** Scan the following barcode to set the scanner to continuous mode



Continuous Mode

** Scan the following codes orderly to set the scanner to Auto -induction mode

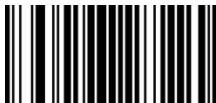


Enter into Auto -induction setting



Auto-induction mode --ON

**Scan the following code to turn off Auto-induction mode



Auto-induction mode--OFF

Profile Setting

1.HID profile (frequently-used)

In the HID protocol, there are 2 entities: the "host" and the "device".

The host communicates with the device and receives input data from the device on actions performed by the human.

The most common example of a "host" is a PC but some cell phones also can be hosts.

The "device" is the entity that directly interacts with a human, such as a keyboard or mouse.

If you want to set the scanner as a device to enter the barcode,please read code "HID-mode: USB Keyboard"



HID-mode: USB keyboard

Scan one of the code to select transmission speed



HID-Low



HID-fast

2. Spp Profile (Rarely used)

SPP defines how to set up virtual serial ports and connect two Bluetooth enabled devices.

Usage Scenarios:

A scenario would be using two devices, such as PCs or laptops, as virtual serial ports and then connecting the two devices via Bluetooth technology.



SPP-mode: Virtual-COM

Terminator setting

To add Tab after barcode , Please scan the code “Tab”

To add CR (ENTER) after barcode , Please scan the code “CR ”

To set no-termination,please scan the code “None”



CR



Tab



None

Character Setting

1.Insert Custom prefix

(1) First step,scan the following code "Enter custom prefix setting"



Enter custom prefix setting

(2)Second step: scan the needed character code (char-table is on page 19-25)

E.g. To add prefix "VC",scan the corresponding character code 1086 ,1067 in order.



1086 V



1067 C

(3) Third step : scan the following code" Exit custom prefix setting"



Exit custom prefix setting

After that, when you scan a barcode X001E52257, "VCX001E52257" will show.



X001E52257

2.Clear all prefix

Scan the "Clear All Prefix" barcode to clear all prefix characters.



Clear All Prefix

3. Insert Custom Suffix

(1) First step, scan the following code "Enter custom suffix setting"



Enter custom suffix setting

(2) Second step: scan the needed character code (char-table is on page 19-25)

E.g. To add prefix "VC", scan the corresponding character code 1086, 1067 in order.



1086 V



1067 C

(3) Third step : scan the following code "Exit custom suffix setting"



Exit custom suffix setting

After that, when you scan a barcode X001E52257, "X001E52257VC" will show.



X001E52257

4. Clear all suffix

Scan the "Clear All suffix" barcode to clear all suffix characters.



Clear All suffix

Note: "Clear All suffix" does not clear the terminator.

5. hide prefix character

Scan one of the following bar codes to hide the corresponding prefix characters.



Hide 1 prefix character



Hide 2 prefix character



Hide 3 prefix character



Hide 5 prefix character

E.g.

For barcode 123456, if you set the scanner to hide 1 prefix character. The data received by the host is "23456"

6. Unhide prefix character

Scan the barcode below to unhide prefix characters.



Unhide prefix character

7. hide suffix character

Scan one of the following bar codes to hide the corresponding suffix characters.



hide 1 suffix character



hide 2 suffix character



hide 3 suffix character



hide 5 suffix character

E.g.

For barcode 123456, if you set the scanner to hide 1 suffix character. The data received by the host is "12345"

8. Unhide suffix character

Scan the barcode below to unhide suffix characters.



Unhide suffix character

9. hide intermediate character

First step, scan one of the following barcode to set the scanner to hide character from the First M-bit character



hide from the First character



hide from the second character



hide from the third character



hide from the fourth character



hide from the fifth character



hide from the sixth character



hide from the seventh character



hide from the eighth character

Second step, scan one of the following bar codes to set the scanner to hide N-bit characters.



Hide one character



Hide two character



Hide three character



Hide four character



Hide five character



Hide six character



Hide seven character



Hide eight character

E.g.

For barcode 123456789,

If you want to set the scanner to hide the "56" character

First,scan the programming code "hide from the fourth character"

Second,scan the programming code "Hide two character"

After that, the data received by the host is "1234789"

10. Unhide the intermediate character

Scan the barcode below to unhide the intermediate character



unhide the intermediate character

keyboard Setting

Scan the following code to Active or Hide the Input Method (only use for ipad / iphone,if you need to setup the input method of the Android device,please contact us at nadamoo@126.com)



Double click button to Show and hide IOSkeyboard

double click Power key quickly, it will active the soft keypad.

double click Power key quickly again, the soft keypad will hide.

Language settings

Scan one of the following codes to set the language



UNITED STATES



GERMANY



FRANCE



ITALY



RUSSIAN



Finland

Voice Settings

Scan one of the following codes to set the voice



Open Decoding Voice (default)



Close Decoding Voice



High volume



low volume

Sleep Time Setting

The scanner will start sleep mode if there is no operation on it over 30s. Short press on the trigger can wake it up.

Here is the steps to change the sleeping time:

First: scan code"into sleep time setting".



Into sleep time setting

Second: Scan one of the following barcode to set the time interval, when it's idle exceeding the time interval you set,the scanner will power off.



30 seconds



2 minutes



20 minutes



Not sleep

Shutdown Setting

Scan the code "Shutdown",the scanner will emits a beeping sound and then shutdown immediately



Shutdown

Restore Factory Setting

If you do not need the previously configured functions,scan the code"Restore defaults"to restore the scanner



Restore defaults

Buzzer & FAQ

Buzzer:

- 1, Long beeps once: Bluetooth disconnected
- 2 ,Long beeps twice: Bluetooth module failure
- 3, Long beeps 3 times: Low battery,Please charge
- 4, Short beeps once: upload OK,Settings OK
- 5, Short beeps twice: connection succeeded
- 6, Short beeps 3 times: upload failed
- 7 ,Short beeps 5 times: Setting error, matching error

FAQ:

1.Can't search the scanner

- ① Make sure the scanner is in **HID-mode**
- ② Whether the scanner in matching state- blue light flashing

2.Scanner connected but barcode is not upload

- ① Whether the scanner set to **storage mode**, Please set it to **Instant upload Mode**
- ② Whether the scanner set to **SPP-mode**, Please set it to **HID-mode**

Character table



1001
SOH (01)



1002
STX (02)



1003
ETX (03)



1004
EOT (04)



1005
ENQ (05)



1006
ACK (06)



1007
BEL (07)



1008
Backspace (08)



1009
HT (09)



1010
LF (0A)



1011
VT (0B)



1012
FF (0C)



1013
CR (0D)



1014
SO (0E)



1015
SI (0F)



1016
DEL (10)



1017
DC1 (11)



1018
DC2 (12)



1019
DC3 (13)



1020
DC4 (14)



1021
NAK (15)



1022
SYN (16)



1023
ETB (17)



1024
CAN (18)



1025
EM (19)



1026
SUB (1A)



1027
ESC (1B)



1028
FS (1C)



1029
GS (1D)



1030
RS (1E)



1031
US (1F)



1032
Space (20)



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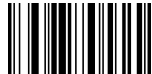
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1127

Delete