2D

Wireless Barcode Scanner

Manual Guide

***32-bit high-speed CPU *25 language settings**

Specification

TYPE	Distance	Memory
433M	≤400m	150000 barcodes
Working current：3.3Vx200mA		Standby current ：18uA-5mA
Working time ：3 to 10 days		Charging power：5V-400mA

Scanner parameters：

Light aimer： 617nm LED	Illumination： 6500K LEDs
Sensor：640*480 CMOS	Indication：Buzzer & LED

Trigger Mode：Button，Auto-Induction

250Lux Depth of Field	13mil-EAN13	50-250mm	Resolution ：4mil
	4mil-code39	60-100mm	CPU：ARM 32-bit Cortex
	20mil-QR	40-300mm	Printing Contract ：>25%
	10mil-PDF417	40-280mm	Decoding speed：500/sec

Scanning angle：Angle of rotation360°，inclination± 65°，declination ± 60°

Anti-interference：0-100000Lux Max

Decode Capability：
1D：UPC-A，UPC-E，EAN-8，EAN-13，Code 128， Code 39，Code 93，Code 11，Interleaved 2 of 5，Matrix 2 of 5，Standard 2 of 5，Coda bar，MSI Plessey，RSS，etc.
2D: QR Code, Data Matrix，PDF417，Aztec code，Maxicode，etc.

Button life ：8000,000 times	LED life：12000 hours
Drop test ：2.0m	Interface：USB，USB-COM

Certificate ：CE，FCC，RoHS ，IP54

General Settings

Scan barcode to setup scanner

Restore defaults(restore factory settings)

■How to use the scanner ?

1, Press the button, the buzzer rang “Di-di-di” , the blue light is on, the scanner starts.

2, Plug the receiver to your computer, the blue light is on, the receiver starts to work.

3, Please match the receiver and the scanner within 30 seconds!

4, Open a text, Scan any barcode to see if the barcode can be uploaded.

Match(match the scanner and the receiver)

■Matching Operation

Plug the receiver to your computer，when it start to work ,Match the scanner and the receiver by scan the “Match” Barcode.

(1) Matching successfully, the buzzer rang “ Di-da-di”, “DI-di-di”.

(2) Matching failed, the buzzer rang “ Di---en”.

■Network Mode ： One to one ， More to one

►One to one —one scanner to one receiver

1, plug the receiver to your computer

2, scan the “Match” bar code to Match the receiver

►More to one —several scanner to one receiver

If you have 2 scanners: scanner A, scanner B,

1, Plug the receiver to your computer

2, Match for the scanner A: A scan the “Match” Barcode.

3, Unplug the receiver and Plug the receiver again.

4, Match for the scanner B: B scan the “Match” Barcode.

After that ,2 scanners can transmit the data to the receiver.

Working Mode

■Two upload mode：Instant upload mode、storage mode.

Instant upload Mode	Storage Mode

►Instant upload Mode：Instant upload data to your computer

(1) Upload successfully: The blue light flashed and the buzzer rang “ Di ”.

(2) Upload failed: The red light flashed and the buzzer rang “ Di---en”.

►Storage Mode ：Scan and store barcode inside the scanner, and uploaded the data to your computer when you need it.

Show total storage (Show total number of memory)	Upload Data (Upload Data to your computer)
High upload speed -default	Low upload speed

Zero clearing (clear all data in scanner)

1，Save successfully：The blue light flashed and the buzzer rang “ Di-en ”

2，Save failed：The red light flashed and the buzzer range “ Di---en”， This indicates that there was not enough memory to save the bar code. Please upload the saved bar code by scanning “Upload Date” and then clear the Memory by scanning “Zero cleaning” .

3，Upload completed: the buzzer rang “ Di-do-en ”.

Power and Standby Setup

Battery Reserve（show battery level）

Set the time for automatic shutdown	
50 seconds shutdown	2 minutes shutdown-Default
5 minutes shutdown	30 minutes shutdown

Battery level indication

1. The scanner starts, when the buzzer rang “Di-di-di” and the blue light is on with no red light flashing, it indicates that the battery is sufficient
2. The scanner starts, when the buzzer rang “Di-di-di” and the blue light is on with the red light flashes three times, it indicates that the battery less than 30%, please charge the scanner as soon as possible
3. The scanner starts, when the buzzer doesn’t make a sound and the blue light is off with the red light flashes three times. It indicates that the battery less than 20%. The scanner enters the low battery protection mode. Please charge the scanner at least for 30 minutes before using
4. Press the button, the scanner does not respond. Please charge the scanner at least for 30 minutes. If the scanner still cannot start, this indicates that the battery is broken and needs to be replaced.

LED tips during charging

Plugged the USB cable into the USB port of computer

1. Charging mode: the blue light is on with the red light flashing
2. Charging completed: the blue light is on and the red light goes out
3. Micro-current charging: the blue light off and the red light flashing (Note: This is battery protection phase, please do not use it in this condition)

End Mark	
CR	CR+LF
Tab	None
Interface setup	
USB_HID	USB virtual COM
Buzzer Setup	
Volume Off	Low volume
Medium volume	High volume -Default
Duplicate barcode upload Setup	
Duplicate detection-ON (Unable to upload duplicate barcode)	Duplicate detection-OFF -Default (upload duplicate barcode)

Language

UNITED STATES	BELGIUM
BRAZIL	DENMARK
FRANCE	GERMANY
HUNGARY	ITALY
LATIN AMERICA	NETHERLANDS
NORWAY	PORTUGAL
SPAIN	SWEDEN

Note：Support 25 languages .

Frequently ask question

Question: Press the key, the red laser appear and then goes out, but there is no bar code display in the input box?

Answer:

1. The USB receiver has not plugged into the computer USB port, please make sure that the USB receiver has been fully plugged into the USB port.
2. The USB port of the computer is out of condition, please plugged the USB receiver into the USB port of another computer to test
3. The USB receiver is not matched with scanner yet, or the scanner is set to “storage mode” or “USB Virtual COM”, please unplugged the USB receiver and plugged it again, then scan the following barcode in turn, “Restore defaults”, “Match”, “Instant upload mode”, “USB_HID”,
4. The cursor is not in the input text box, please make sure the cursor is in the input box where you want to upload the barcode.
5. If the USB receiver indicator goes out or flasher, it indicates that the receiver is broken.

Question: Press the button, the scanner is not laser?

Answer:

1. The battery less than 20%. The scanner enters the low battery protection mode. Please charge the scanner at least for 30 minutes before using.
2. The laser engine is damaged and needs to be replaced.

Question: Read the barcode, the barcode data will be lost?

Answer: Slow down the HID speed of the scanner.

Question: Barcode characters is wrong?

Answer:

1.Set the scanner keyboard nations with using the keyboard.

2.Set more slow HID speed（in Mac）