



## **EC-2D8380BT**

# Bluetooth & 2.4G 2D Wireless Barcode Scanner Manual Guide

Full ASCII character editing  
Support Function key & Composite key  
25 Language supported  
Time system

Bluetooth-status lights: Blue , 2.4G-status lights: Green  
V6.2-2D

### 1, Restore defaults

Defaults: Bluetooth-HID ,Instant upload, Button, End mark=CR.



Restore defaults

### 2, Quick start -Bluetooth

#### For Android, IOS

1, Press the button, the scanner starts, The red light flashing and the blue light is on which means in matching mode.

2, The Scanner name: "Scanner xxx" , xxx is 3 random Numbers.

3, Choose "Scanner xxx" , When the connection is successful, the red light goes out and the blue light is on , the buzzer rang "Di-di" .

**For Windows**, Recommending use 2.4G mode or wire-USB

### 3, Bluetooth- Setup Guide

Bluetooth mode		
 Bluetooth-HID*	 Bluetooth-SPP	 Bluetooth-BLE
Note1: Some Bluetooth scanner do not support SPP mode.		
HID-speed		
 HID-Slow*		 HID-Fast
Note: If the data is lost, Please set the slow speed.		
IOS keyboard		
 Show/Hide IOS keyboard	 Show/Hide IOS keyboard by double-clik-ON*	 Show/Hide IOS keyboard by double-clik-OFF
Buletooth connection		
 Connection initialization		

#### 4, Working Mode

Two working mode

 Instant upload Mode *	 Storage Mode
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■Instant upload Mode: Instant upload data to your computer.

- (1) Upload successfully: The status 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 by wireless or USB cable.

 Show total storage (Show total number of memory)	 Upload Data (Upload Data to your computer)
 Upload speed-High	 Upload speed-Low *
 Zero clearing (clear all data in scanner)	

1, Save successfully: The status light flashed and the buzzer rang " Di-en "

2, Save failed: The red light flashed and the buzzer range " Di---en" ,This indicates that the storage overflow. Please upload the saved barcode and then clear the storage.

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

Note: The barcode data can be uploaded by USB cable.

#### 5, End mark

 CR	 TAB
 CR+LF	 None

**6, Battery and Standby**



Battery level

Shutdown time setup		
 20s	 2min *	 5min
 166min40s	 Not shutdown	 Shutdown

■Low battery tips

- 1: The scanner starts, when the buzzer rang "Di-di-di" and the status light is on with the red light flashes three times, it indicates that the battery < 20%.
- 2: When the battery < 5%, the scanner will force shutdown, Please charge now.

■Charging tips:

- 1, Charging mode: the status light is on, the red light flashing.
- 2, Charging completed: the status light is on and the red light goes out.

**7, Buzzer setup**

 Turn on sounds*	 Turn off sounds	
 Volume-High *	 Volume-Medium	 Volume-Low

**8, Duplicate barcode upload setup**

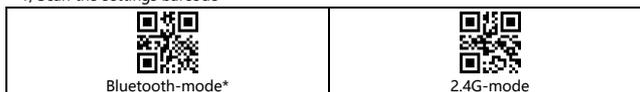
 Duplicate detection-OFF * (upload duplicate barcode)	 Duplicate detection-ON (Unable to upload duplicate barcode)
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## 9, Mode-Switch

Press the button, the buzzer rang "Di-di-di" , the red light flashing and the blue light is on which means in matching mode, the green light is on which means in 2.4G-mode.

### Switch operation:

1, Scan the settings barcode



2, Press and hold the button for 10seconds,

### ■Switch process description

(1) In Bluetooth mode, Press and hold the button for 10seconds, the buzzer rang " Di-da-di" , "Di-di-di" . Means that the switching operation is complete, Release the button, The green light is on which means the scanner switch to 2.4G-mode.

(2) In 2.4G mode, Press and hold the button for 10seconds, the buzzer rang " Di-da-di" , "Di-di-di" . Means that the switching operation is complete, Release the button, The blue light is on which means the scanner switch to Bluetooth-mode.

## 10, Quick start-2.4G

- 1, Switch the scanner to 2.4g mode.
- 2, Plug the dongle ,the blue light is on, the receiver starts to work.
- 3, Please match the dongle and the scanner within 30 seconds!
- 4, Open a text, put the cursor in, Scan your barcode.

## 11, Matching Operation-2.4G



Match

(match the scanner and the dongle)

Plug the dongle, Please scan the "Match" barcode within 30 seconds.

- (1) Matching successfully, the buzzer rang " Di-da-di" , "Di-di-di" .
- (2) Matching failed, the buzzer rang " Di---en" .

In 2.4g mode, two networking modes are supported:

- (1) One to one —one scanner to one dongle.
- (2)More to one —several scanner to one dongle.

### 12, Interface setup(dongle, USB-cable)

 USB-HID	 USB-COM
Note: In USB-COM mode, you need to use serial port software to receive data.	
 Wire-USB-ON*	 Wire-USB-OFF

### 13, FAQ

1, ASK: Can't connect / search the scanner: "Scanner xxx" ?

Cause : The scanner is not in "Bluetooth HID" mode .

Solution: Delete the matched scanner, Scan the barcode in order 12, and re-pair operation.

 1,Restore defaults	 2,Connection initialization
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2, ASK: In 2.4G mode, no data upload?

Cause : 1, No match. 2, Set to storage mode. 3, The dongle is set to USB-COM.

Solution: Please unplug the dongle and scan the barcode in order 1234 within 30 seconds.

 1,Restore defaults	 2,2.4G-mode
 3,Match	 4,USB-HID