

2D

Wireless Barcode Scanner

Manual Guide



Table of contents

Specification.....	1
Restore defaults.....	2
Matching Operation(2.4G Mode).....	2
Matching Operation(Bluetooth Mode).....	2
To show and hide iOS keyboard.....	3
SPP and BLE Mode.....	3
End Mark.....	3
Working Mode.....	4
Power and Standby Setup.....	5
Buzzer Setup.....	6
Uppercase and lowercase.....	6
Invoice Function.....	6
Output Interval of The Same Code.....	7
Scan Mode Setting.....	7
1D code master switch.....	8
2D code master switch.....	8
Reverse Code Reading.....	8
Language.....	9
Hide the characters.....	10
Add Prefix and Suffix.....	10
Appendix 1 : Character comparison table	11

Appendix 2 : ON/OFF-1.....	20
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Specification

TYPE		Distance	Memory
2.4G		≤100m	100,000 barcodes
Bluetooth		≤50m	
Working current :			Standby current : 30mA
Battery capacity: 2000 mAh			Charging power : 5V-
Working time : 3 to 10 days			Standby time : 60 days
Light aimer : 624nm LED			Illumination : 6500K LEDs
Sensor : 640*480 CMOS			Indication : Buzzer &
Trigger Mode : Button, Continuous, Auto-Induction			
250 LuxD epth of	13mil-EAN13	50-	Resolution : 4mil CPU: ARM 32-bit Cortex Printing Contract : >25%
	4mil-code39	60-	
	20mil-QR	40-	
	10mil-	40-	
ning 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.			
Temperature : -20°C-50°C(Working) -40°C-70°C(Storage)			
Drop test : 2.0m			Interface: USB , USB-
Certificate : CE, FCC , RoHS , IP54			

If the scanner does not work or buzzer rang “Di-Di-Di-Di”, please stop using the scanner and charging it immediately.

General Settings



Restore defaults

Note: 2.4G barcode scanner scan "Restore defaults" to 2.4G Mode by default.

Bluetooth barcode scanner scan "Restore defaults" to Bluetooth Mode

by default.

Matching Operation(2.4G Mode)

- 1, Press the button, the buzzer rang ,the scanner starts.
- 2, Scan the “2.4G Mode” barcode, then scan the “Match” barcode.
- 3, Plug the receiver to your computer, the buzzer rang “ Di---Di”, which means 2.4G pairing is successful.
- 4, Open a text, put the cursor in, Scan any barcode to see if the barcode can be uploaded.



2.4G Mode



Match

Matching Operation(Bluetooth Mode)

Bluetooth-related setting code apply only to Bluetooth-enabled products

- 1, Press the button, the buzzer rang ,the scanner starts.
- 2, Scan the "Bluetooth-HID Mode" barcode, then scan the "Match" barcode.
- 3, Enable bluetooth function on your device till find out"Barcode Scanner HID", and click it to begin bluetooth pairing. Wait a few seconds, the buzzer rang " Di", which means bluetooth pairing is successful.
- 4, Open a text, put the cursor in, Scan any barcode to see if the barcode can be uploaded.



Bluetooth-HID Mode



Match

To show and hide iOS keyboard



Show/Hide iOS keyboard

To show Android keyboard, Pls contact us!



Double click show/hide iOS keyboard--ON



Double click show/hide iOS keyboard--OFF

SPP and BLE Mode



Bluetooth SPP Mode



Bluetooth BLE Mode

End Mark



CR



CR+LF



Tab



None

Working Mode



Instant upload Mode



Storage Mode

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




- ▶ Instant upload Mode: Instant upload data to your computer
Upload successfully: The green light flashed and the buzzer rang “ Di ”.
- ▶ 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)



 <p>High upload speed -default</p>	 <p>Low upload speed</p>
 <p>Zero clearing (clear all data in scanner)</p>	





- 1, Save successfully: The green 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	
 <p>30 seconds shutdown</p>	 <p>2 minutes shutdown</p>

 5 minutes shutdown-Default	 30 minutes shutdown
 Never Standby	 Standby Immediately





► Battery level indication

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 red light is on.
- (2) Charging completed: the red light goes out.

Buzzer Setup	
 Volume Off	 Low volume
 Medium volume	 High volume

Uppercase and lowercase

All uppercase



All lowercase



Normal Letter Case

Invoice Function

ON



OFF

Output Interval of The Same Code

In continuous mode and automatic induction mode



Delay 1s



Delay 3s



Delay 5s



Delay 7s



None



Delay forever

Scan Mode Setting



Trigger Mode



Continue Scan Mode



Auto Sense Mode

1D code master switch



Enable



Disable

2D code master switch



Enable



Disable

Reverse Code Reading



1D










QR



Data Matrix



Language

 <p>American Keyboard</p>	 <p>Germany</p>
 <p>France</p>	 <p>Spain</p>
 <p>Italy</p>	 <p>Japan</p>
 <p>Other Languages</p>	

Hide the characters







Hide the front characters



Hide the behind

characters

 <p>Hide 1 character</p>	 <p>Hide 2 characters</p>
 <p>Hide 3 characters</p>	 <p>Hide 4 characters</p>

E.g. The bar code content is "123456789" , if you want to hide the previous two characters.

The first: Scan "Hide the front characters".

The second step: Scan "Hide 2 characters".

The third step: "3456789" will be shown.

Add Prefix and Suffix



Add Prefix






























Add Suffix
















The first: Scan "Add Prefix" or "Add Suffix" .
















The second step: Scan need to add the character code(Appendix 1).
















Appendix 1 : Character comparison table

 SOH	 LF	 F6
 ^B	 VT	 F7
 ^C	 FF	 F8
 EOT	 CR	 F9
















 ENQ	 F1	 F10
 ACK	 F2	 F11
 BEL	 F3	 F12
 Back Space	 F4	 SUB
 Tab	 F5	 Esc
















 <p>Right</p> <p>Arrow</p>	 <p>%</p>	 <p>.</p>
 <p>Left</p> <p>Arrow</p>	 <p>&</p>	 <p>/</p>
 <p>Up</p> <p>Arrow</p>	 <p>'</p>	 <p>0</p>
 <p>Down</p> <p>Arrow</p>	 <p>(</p>	 <p>1</p>
 <p>Spacebar</p>	 <p>)</p>	 <p>2</p>











 !	 *	 3
 "	 +	 4
 #	 ,	 5
 \$	 -	 6
 7	 @	

 8	 A	 J
 9	 B	 K
 :	 C	 L
 ;	 D	 M
 <	 E	 N









=	F	O
>	G	P
?	H	Q
R	[d
S	\	e











 T	]	 f
 U	 ^	 g
 v	 _	 h
 w	 ,	 i
 x	 a	 j











 Y	 b	 k
 Z	 c	 l
 m	 s	 y
 n	 t	 z
 o	 u	 {











 p	 v	
 q	 w	 }
 r	 x	 ~
 DEL		











Appendix 2 : ON/OFF-1











 UPC-A(ON)	 UPC-A(OFF)
 UPC-A Check Bit (ON)	 UPC-A Check Bit(OFF)
 UPC-E(ON)	 UPC-E(OFF)
 UPC-e Check Bit(ON)	 UPC-e Check Bit(OFF)







 <p>UPC-E to UPC-A(ON)</p>	 <p>UPC-E to UPC-A(OFF)</p>
 <p>UPC-A to EAN-13(ON)</p>	 <p>UPC-A to EAN-13(OFF)</p>
 <p>EAN-8(ON)</p>	 <p>EAN-8(OFF)</p>
 <p>EAN-13(ON)</p>	 <p>EAN-13(OFF)</p>
 <p>CODE 128(ON)</p>	 <p>CODE 128(OFF)</p>

 <p>GS1-128(ON)</p>	 <p>GS1-128(OFF)</p>
 <p>ISBT-128(ON)</p>	 <p>ISBT-128(OFF)</p>
 <p>Interleaved 2 of5 (ON)</p>	 <p>Interleaved 2 of5(OFF)</p>
 <p>Matrix 2 of 5(ON)</p>	 <p>Matrix 2 of 5(OFF)</p>
 <p>CODE 39(ON)</p>	 <p>CODE 39(OFF)</p>

 <p>Code39 Check Bit(ON)</p>	 <p>Code39 Check Bit(OFF)</p>
 <p>Code 39Full ASCII(ON)</p>	 <p>Code39Full ASCII(OFF)</p>
 <p>CODE 32(ON)</p>	 <p>CODE 32(OFF)</p>
 <p>CODE 93(ON)</p>	 <p>CODE 93(OFF)</p>
 <p>CODE 11(ON)</p>	 <p>CODE 11(OFF)</p>

 CODABAR(ON)	 CODABAR(OFF)
 PLESSEY(ON)	 PLESSEY(OFF)
 Industrial 2 of 5(ON)	 Industrial 2 of 5(OFF)
 MSI(ON)	 MSI(OFF)
 ITF14(ON)	 ITF14(OFF)

 QR CODE(ON)	 QR CODE(OFF)
 Data Matrix(ON)	 Data Matrix(OFF)
 PDF417(ON)	 PDF417(OFF)
 Aztec code(ON)	 Aztec code(OFF)
 Maxi code(ON)	 Maxi code(OFF)

 GS1-Databar(ON)	 GS1-Databar(OFF)
 Hanxin code(ON)	 Hanxin code(OFF)
 Brazilian Bank code(ON)	 Brazilian Bank code(OFF)