2D

Wireless Barcode Scanner

Manual Guide

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Specification

TYPE		Distance		Memory
2.4G		≤100m		100,000 barcodes
Bluetooth		≤50m		
Working current：5V±5%x140mA			Standby current：30mA	
Battery capacity: 2000 mAh			Charging power：5V-400mA	
Working time：3 to 10 days			Standby time：60 days	
Light aimer：624nm LED			Illumination：6500K LEDs	
Sensor：640*480 CMOS			Indication：Buzzer & LED	
Trigger Mode：Button, Continuous, Auto-Induction				
250 Lux D e o	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：
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.				
Temperature：-20℃-50℃（Working）　　-40℃-70℃（Storage）				
Drop test：2.0m			Interface：USB，USB-COM	
Certificate：CE，FCC，RoHS，IP54				

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

1

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)
High upload speed -default	Low upload speed
Zero clearing (clear all data in scanner)	

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 ".

4

Power and Standby Setup

Battery Reserve（show battery level）

Set the time for automatic shutdown	
30 seconds shutdown	2 minutes shutdown
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.

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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

PDF417

Language

American Keyboard	Germany
France	Spain
Italy	Japan
Other Languages	

Hide the characters

Hide the front characters

Hide the behind characters

Hide 1 character	Hide 2 characters
Hide 3 characters	Hide 4 characters

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

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

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

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

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

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

▦ T		▦ f
	▦]	
▦ U		▦ g
	▦ ^	
▦ V		▦ h
	▦ _	
▦ W		▦ i
	▦ `	
▦ X		▦ j
	▦ a	

Y		k
	b	
Z		l
	c	
m		y
	s	
n		z
	t	
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)

UPC-E to UPC-A(ON)	UPC-E to UPC-A(OFF)
UPC-A to EAN-13(ON)	UPC-A to EAN-13(OFF)
EAN-8(ON)	EAN-8(OFF)
EAN-13(ON)	EAN-13(OFF)
CODE 128(ON)	CODE 128(OFF)

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

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

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)