

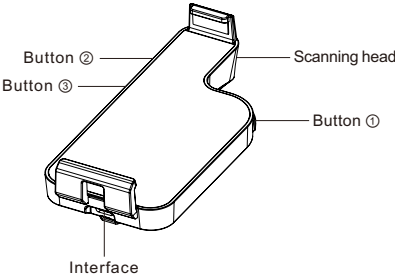
2D
Bluetooth 2.4G
Barcode Scanner
User Manual



Version

Structure Chart:

- 1. Button ① or button ②: Press to scan the barcode;
- 2. Button ③: Press and hold for 5s to enter the pairing state.



Product Features:

- 1) Powerful decoding chip to read most standard 1D/2D barcodes;
- 2) Support Android/ios system, can replace PDA, scanner, mobile phone scanning;
- 3) Bluetooth connection, simple and fast;
- 4) Long wireless range up to 50m in open yard.

Technical Parameter:

Barcode Scanner	
Date Item	Parameter
Light Sources	527nm Aimer, White LED
Decoding capability	1D: EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, CodeBar, Code 128, Code 93, ITF-14, ITF-6, Matrix 2 of 5, Interleaved 2 of 5, GS1 Databar (RSS), Industrial 2 of 5, Code 39, Code 11, MSI-Plessey. 2D: QR Code, Data Matrix, PDF417, Micro PDF417, Micro QR, Aztec, Maxicode, Hanxin Code.

Scan Type	Image CMOS
Resolution	640*480
Field Angle	48°(H) x 36°(V)
Precision	≥4mil
Scan Angle	Yaw45°, Rotaion 360°, Pitch45°
Scan Mode	Manual/Continuous/Automatic Scintillation
Depth of Scan Field	EAN-13(13mil): 4-25cm, Code39(4mil): 4-10cm, QR code(15mil): 2-170cm
Interface	Bluetooth: HID, BLE, SPP
Transmission Distance	50M(Open Yard)
Error Rate	1/5million
Cable Length	1M
Material	ABS+PC
Working Voltage	DC5V±5%
Operating Current	Working Current ≥250mA
Lithium Battery	3000mAh
Shock Resistance	Withstands multiple times 1.5m drops to concrete
Operating Temperature	-20°C - 50°C
Storage Temperature	-40°C~70°C
Relative Humidity	0% ~95% RH(Non-condensing)

Factory Default



Bluetooth Mode



HID Mode(Default)



SPP Mode



BLE Mode

HID Mode Pairing



Bluetooth pairing/disconnection
(valid only in HID mode)

HID Mode Pairing Process:

- 1. Scan Bluetooth HID mode → scan Bluetooth pairing (the blue light flashes quickly);
- 2. The device searches for the Bluetooth BarCode Scanner HID → click to connect (there will be a "didi" prompt sound if the connection is successful) or press and hold the button ③ for more than 3 seconds to enter the pairing mode;
- 3. You can output the data on the notepad or other text on the device. If you need to pair with another device, first scan for Bluetooth disconnection (there will be a "didi prompt" when disconnected), then scan for Bluetooth pairing, and repeat the above pairing process.

BLE mode pairing process:

- 1. Scan the Bluetooth BLE mode (the blue light flashes quickly) → the device searches for Bluetooth BarCode Scanner BLE;
- 2. Click to connect (there will be a "didi" prompt tone if the connection is successful) SPP mode.

SPP pairing process:

- 1. Scan Bluetooth SPP mode (the blue light flashes quickly) → the device searches for Bluetooth BarCode Scanner SPP;
- 2. Click to connect (there will be a "didi" prompt sound if the connection is successful).

Keyboard ON or OFF in IOS device



Keyboard ON in IOS device

Note: Scan above QR code to enable or disable Keyboard in the IOS device.

Scan Mode



Manual(default)



Continuous



Auto-sensing

End Character



CR(default)



CR&LF



None

Keyboard Caps Lock Control



None(Default)



Capitalize



Lower Case



Case Swap

Sleep Time



1Min



2Min



5Min



10Min



None

Transmit Speed



Fast



Medium Speed



Low Speed



Ultra Low Speed

Keyboard Language



USA(Default)



French



British



Japanese



German



Italy



Portuguese



Spanish



Czech



Turkish Q

Image Reverse



1D Inverted Barcode
Disable



1D Inverted Barcode
Enable



2D Inverted Barcode
Disable



2D Inverted Barcode
Enable

UPC-A to EAN13



Enable



Disable

Prefix Setting



Add prefix



Prefix

Eg , Add prefix "A"
Step 1, Scan below code to enter into "add prefix "
Step 2, Scan below code to add "prefix"
Step 3, Scan the numeric code correspond to "A" ,
the ASCII value of A in Hexadecimal is "4"
"1" Refer to Appendix 1 & Appendix 2
Step 4, Scan "save" code to save(refer to
Appendix 1)

Suffix Setting



Add Suffix



Suffix

Note: The method of adding the suffix is the same
as the prefix.

Appendix 1:



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F



Saved

Appendix 2 :

Hex	Char
00	NUL (Null char.)
01	SOH (Start of Header)
02	STX (Start of Text)
03	ETX (End of Text)
04	EOT (End of Transmission)
05	ENC (Escaping)
06	ACK (Acknowledgment)
07	BEL (Bell)
08	BS (Backspace)
09	HT (Horizontal Tab)
0a	LF (Line Feed)
0b	VT (Vertical Tab)
0c	FF (Form Feed)
0d	CR (Carriage Return)
0e	SO (Shift Out)
0f	SI (Shift In)
10	DLE (Data Link Escape)
11	DC1 (XON) (Device Control 1)
12	DC2 (Device Control 2)
13	DC3 (XOFF) (Device Control 3)
14	DC4 (Device Control 4)
15	NAK (Negative Acknowledgment)
16	SYN (Synchronous Idle)
17	ETB (End of Trans. Block)
18	CAN (Cancel)
19	EM (End of Medium)
1a	SUB (Substitute)
1b	ESC (Escape)
1c	FS (File Separator)
1d	GS (Group Separator)
1e	RS (Request to Send)
1f	US (Unit Separator)
20	SP (Space)
21	! (Exclamation Mark)
22	" (Double Quote)
23	# (Number Sign)
24	\$ (Dollar Sign)
25	% (Percent)
26	& (Ampersand)
27	' (Single Quote)
28	((Right / Closing Parenthesis)
29	) (Right / Closing Parenthesis)
2a	* (Asterisk)
2b	+ (Plus)
2c	, (Comma)
2d	- (Minus / Dash)
2e	. (Dot)
2f	/ (Forward Slash)
30	0
31	1
32	2
33	3
34	4
35	5
36	6
37	7
38	8
39	9
3a	: (Colon)
3b	; (Semi-colon)
3c	< (Less Than)
3d	= (Equal Sign)
3e	> (Greater Than)
3f	? (Question Mark)

Hex	Char
40	@ (AT Symbol)
41	A
42	B
43	C
44	D
45	E
46	F
47	G
48	H
49	I
4a	J
4b	K
4c	L
4d	M
4e	N
4f	O
50	P
51	Q
52	R
53	S
54	T
55	U
56	V
57	W
58	X
59	Y
5a	Z
5b	[(Left / Opening Bracket)
5c	\ (Back Slash)
5d	] (Right / Closing Bracket)
5e	^ (Caret / Circumflex)
5f	_ (Underscore)
60	` (Grave Accent)
61	a
62	b
63	c
64	d
65	e
66	f
67	g
68	h
69	i
6a	j
6b	k
6c	l
6d	m
6e	n
6f	o
70	p
71	q
72	r
73	s
74	t
75	u
76	v
77	w
78	x
79	y
7a	z
7b	{ (Left/ Opening Brace)
7c	(Vertical Bar)
7d	} (Right/Closing Brace)
7e	~ (Tilde)
7f	DEL (Delete)

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.