

2D Bluetooth & 2.4G Barcode Scanner User Manual



Version

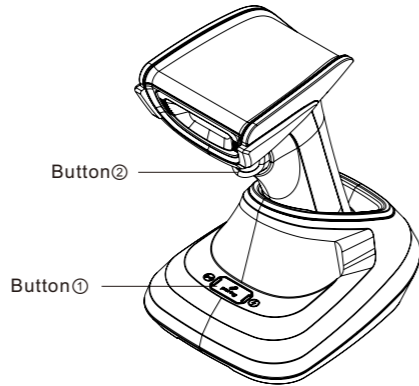
Factory Default



Structure Description:

Button①: After the scanner is connected to the base, press this button to listen, after a beep, it is successfully paired with the base;

Button②: Scan key.



Technical Parameters

Barcode Scanner	
Data Items	Parameters
Light Type	White lighting, red aiming light
Decoding Ability	1D: Code128, Code39, Code93, EAN13, EAN8, UPC_E (E0,E1), ISBN13, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, RSS14 (GS1 Databar), RSS Limited(GS1 Databar Limited), RSS Expanded (GS1 Databar Expanded), RSS14 Stack (GS1 Databar Stack), RSS Expanded (GS1 Databar Expanded Stack), Codebar, MSI Plessey, Code 11, Standard 2 of 5, Plessey, ChinaPost 2 of 5, Code 16K, Code49. 2D: QRCode (Mode1,Mode2), MicroQR, Data Matrix, PDF417, MicroPDF417, Aztec, HanXin, Maxicode, Grid Matrix Code.

Scan Principle	Imaging CMOS
Resolution	640*480
Scan Mode	Manually/Continuous/Auto-sensing scanning
Scan Angle	Rotation 360°,Yaw ±60°, Pitch ±60°
Scan Depth of Field	EAN13:4~350mm(13mil)
Error Rate	1/5 million
Contrast	≥20%
Interface	USB-HID, USB-COM
Wireless Distance	Open distance: 100 meters
Voltage	DC5V±5%
Working Current	Working current 225mA
Lithium Battery	2200mAh lithium battery
Continuous Working Time	The scanner gun continuously scans codes and can work for up to 7 hours.
Charging Time	3 hours
Charging Method	Type Charging cable
Operating Temperature	-20°C~+50°C
Storage Temperature	-40°C~+70°C
Working Humidity	5%~95%(No condensation)

Pair instruction:

A:Barcode Scanner pair with Cradle

Step 1, Scan Below Pairing Code I, Code II in sequence,and the scanner LED indicator become red and flashing.



I



II

Step 2,Connect the Cradle to host device through the data cable and wait a second, the LED indicator both become blue on barcode scanner and cradle after succeed pair.

B:Barcode scanner pair with bluetooth device

Step 1,Scan Below Pairing Code I, Code II in sequence,and the scanner LED indicator become red and flashing.



I



II

Step 2, Open mobile device bluetooth settings and search for "RB_Scanner_HID" then connect it. When the scanner LED indicator becomes blue, the pairing is complete.

3 Optional Wireless Mode



Normal



Automatic Storage
(default)



Inventory

Note:

- 1) Instant upload mode: Scan the barcode to enter the instant upload mode. You will hear a "beep" sound normally. In this mode, the scanned results will be uploaded to the computer instantly.
- 2) Internal storage mode (inventory mode): Scan the barcode to enter the inventory mode. The scanned data will be stored in the internal memory. A "beep" sound will be heard normally. All barcodes stored in this mode can be uploaded by scanning the setting code. data to computer.
- 3) Automatic storage mode (default mode): Scan the barcode to enter automatic storage mode, that is, no loss mode. In this mode, when there is a signal (the normal sound is a "beep"), the data will be uploaded to the computer immediately. When the signal is weak or there is no When there is a signal (the normal sound is a "tick"), the scanned data will be stored in the internal memory. When there is a signal, the data will be automatically uploaded to the computer.

Data Upload Instruction in Inventory Mode



Upload all data



Upload new data



Display all data



Display new data



Data delete

Scan Mode



Manual(default)



Continuous



Auto-sensing

End Character



CR(default)



CR&LF



TAB



None

Keyboard Caps Lock Control



None(default)



Capitalize



Lower case



Case Swap

Sleep Time



1Min



5Min



10Min



None

Buzzer



ON



OFF



Low



High

Prefix Setting



Add Prefix



Modify 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



Modify Suffix

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

Image Reverse



Disable



Enable

Keyboard Language



USA(default)



French



Brazilian



Japanese



German



Italian



Turkey-F



Turkey-Q



Portuguese



Spanish

Barcode Calibration bit Setting



Enable



Disable

Transmit Speed



No Delay(default)



Delay 10ms



Delay 20ms



Delay 30ms

UPC-A to EAN13



Enable



Disable

Appendix 1:



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F



Saved

Appendix 2 :

Hex	Char	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	ENQ	(Enquiry)
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)
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)