



A GLOBAL BRAND, MADE IN INDIA.

## BPS 250BD

2D SCANNER (BT+DONGLE)

## User Manual



Version

### Factory Default



### Bluetooth Pairing instruction

Pair instruction

#### A: Barcode Scanner pair with USB dongle

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

I



II



Step 2, Connect the USB dongle to host device and wait a second, the LED indicator both become blue on barcode scanner and USB dongle after succeed pair.

#### B: Barcode scanner pair with bluetooth device

Step 1, Scan Below Pairing barcode I, barcode II in sequence, and the scanner LED indicator become blue 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.

### Wired Direct Transmission Mode



Wired Mode



Wireless Mode (default)

Note: Plug in the charging cable to connect to the computer device, scan this setting code, you can switch to wired transmission mode. (Some models support wired mode)

### 3 Optional Wireless Mode



Normal



Inventory



Automatic storage(default)

#### 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 signal, 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

### Transmit Speed



No Delay(default)



Delay 10ms



Delay 20ms

### End Character



CR(default)



CR&LF



Disable

### Scan Mode



Manual(default)



Continuous



Auto-sensing

### Buzzer



ON



OFF



High



Mid



Low

### Image Reverse



Disable



Enable

### Prefix Setting



Prefix

Eg: Add prefix "A"

**Step 1:** Scan above code to add "Prefix";

**Step 2:** Scan the numeric code "9" and "9" in sequence (Refer to Appendix 1);

**Step 3:** Because ASCII value of A in Hexadecimal is "41", so scan "4" and "1" in sequence (Refer to Appendix 1 & Appendix 2);

**Step 4:** Scan "Saved" code to save (Refer to Appendix 1).

### Suffix Setting



Suffix

Eg: Add suffix "A"

**Step 1:** Scan above code to add "Suffix";

**Step 2:** Scan the numeric code "9" and "9" in sequence (Refer to Appendix 1);

**Step 3:** Because ASCII value of A in Hexadecimal is "41", so scan "4" and "1" in sequence (Refer to Appendix 1 & Appendix 2);

**Step 4:** Scan "Saved" code to save (Refer to Appendix 1).

### URL Barcode Configuration



Disable



Enable

### Turn on/off all symbologies



Enable all 1D barcodes



Disable all 1D barcodes



Enable all 2D barcodes



Disable all 2D barcodes

### 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
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	ENO (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)

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)