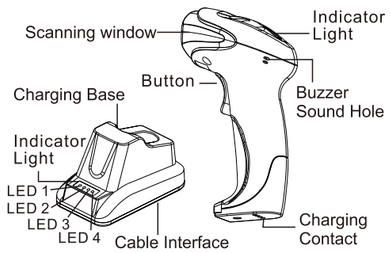
NO：S2D50RBTV1

2D Bluetooth +2.4G Barcode Scanner User Guide

Version

Structure Chart：

LED1:power
LED2:charge
LED3:Data
LED4:Equipment



Features：

(1) Support a various of 1D and 2D barcodes and support USB-HID and USB-COM;
(2) Long wireless transmission distance up to 100m in open yard;
(3) Memory chip can store max 35000 barcodes (EAN 13);
(4) Compatible with android ,apple etc mobile devices.

Technical Parameter：

Barcode Scanner	
Data item	spec
Light Sources	617nm LED Aimer,White LED
Decoding capability	1D:EAN,UPC,Code 39,Code 93,Code 128,UCC/EAN 128,Codabar,Interleaved 2 of 5, ITF-6,ITF-14,ISBN,ISSN, MSI-Plessey,GS1 Databar,GS1 Composite Code,Code 11,Industrial 25,Standard 25,Plessey, Matrix 2 of 5 2D:QR Code, Data Matrix, PDF417, Micor PDF417,Aztec, Maxicode, Hanxin code.
Minimum Element Resolution	≥5mil
Scan Type	Image CMOS
Scan Mode	Manually/Continuous/Auto-sensing scanning
Scan angle	Yaw ±65°, Rotation 360°, Pitch ±60°
Interface	USB-HID,USB-COM
Cable Length	1.2M
Error Rate	Less than 1/5 million
Material	ABS+PC
Voltage	DC5V±1%
Working current	Working status 280mA
Shock Resistance	withstand multiple 3 meters free fall
Working Temperature	-20℃ - 50℃
Storage Temperature	-40℃ - 70℃
Relative Humidity	5%~95%（Non-condensing）

Factory Default

Note:Scan below Code A,Code B,Code C in order to return factory default.

A

B

C

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 blue 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 blue and flashing

I

II

Step 2,Open bluetooth in the bluetooth device and search for the barcode scanner which named “R&B40 and click connect ,wait a second , the barcode scanner LED indicator becomes blue after succeed pair

Keyboard ON or OFF in IOS device

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

3 Optional Wireless Mode

Normal

Automatic storage (default)

Inventory

Note：
(1) Normal Mode:the data will be uploaded to host device immediately after scan ,out of range it will not save the data ,and there will be 2 alarm beeps out of range;
(2)Inventory Mode:the data will be saved in the memory chip ,and upload data to host device as instructed ;
Eg: scan the “upload all data and clear”, the scanner will upload all data saved in the memory chip and cleared the original data.
(3)Automatic storage Mode:the data will be uploaded to host device immediately after scan if the scanner in range ,the data will saved in the memory chip if the scanner out of range which will heard 2 alarm beeps , press the scanner trigger to upload the saved data after back to range,and the original data in the memory chip will be cleared .

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

Interface

USB-HID(default)

USB-COM

Suffix setting

CR(default)

CR&LF

TAB

None

Keyboard Caps Lock Control

None

Capitalize

Lower case

Case Swap

Sleep time setting

1min

5min

10min

None

Aim setting

Normal illuminations (twinkle)

Normal illuminations (no flicker)

Normal illuminations

No illuminations

Illuminations Settings

Normal illuminations

Continuous Light Mode

No Illuminations

Buzzer

On

Off

High

Mid

Low

Transmit speed

No delay

Delay 10ms

Delay 20ms

Keyboard language

USA(default)

French

Belgian

Brazilian

Canadian

Japanese

Turkey-F

Turkey-Q

German

Italian

Portuguese

Spanish

Prefix Setting

Custom Prefix
Eg: Add Prefix “A”
Step 1, Scan setting code “Prefix+ Data”

Prefix+data

Step 2, Scan setting code “Prefix”

Prefix

Step 3, Scan the numeric code correspond to “A” ,the ASCII value of A is 1 0 6 5
Refer to Appendix 1 & Appendix 2

1

0

6

5

Step 4, Scan “save” code to save

Save

Appendix 1 :

0

1

2

3

4

5

6

7

8

9

Appendix 2 :

Scanning value	Keyboard value	Scanning value	Keyboard value	Scanning value	Keyboard value
1000	Null	1043	+	1086	V
1001	Keypad Enter	1044	,	1087	W
1002	Caps lock	1045	-	1088	X
1003	Right Arrow	1046	.	1089	Y
1004	Up Arrow	1047	/	1090	Z
1005	Null	1048	0	1091	[
1006	Null	1049	1	1092	\
1007	Enter	1050	2	1093	]
1008	Left Arrow	1051	3	1094	^
1009	Horizontal Tab	1052	4	1095	_
1010	Down Arrow	1053	5	1096	‘
1011	Vertical Tab	1054	6	1097	a
1012	Backspace	1055	7	1098	b
1013	Enter	1056	8	1099	c
1014	Insert	1057	9	1100	d
1015	Esc	1058	:	1101	e
1016	F11	1059	;	1102	f
1017	Home	1060	<	1103	g
1018	Print Screen	1061	=	1104	h
1019	Delete	1062	>	1105	i
1020	tab+shift	1063	?	1106	j
1021	F12	1064	@	1107	k
1022	F1	1065	A	1108	l
1023	F2	1066	B	1109	m
1024	F3	1067	C	1110	n
1025	F4	1068	D	1111	o
1026	F5	1069	E	1112	p
1027	F6	1070	F	1113	q
1028	F7	1071	G	1114	r
1029	F8	1072	H	1115	s
1030	F9	1073	I	1116	t
1031	F10	1074	J	1117	u
1032	Space	1075	K	1118	v
1033	!	1076	L	1119	w