

# 2D Bluetooth & 2.4G Barcode Scanner User Guide



Version

## Factory Default



## Bluetooth Pairing Steps

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 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 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



None(default)



Capitalize



Data delete



Lower Case



Case Swap

## Scan Mode



Manual(default)



Continuous

## Sleep Time



1Min



5Min



Auto-sensing



10Min



None

## End Character



CR



Close

## Sound Settings



Open(default)



Close

## Keyboard Caps Lock Control



Low



High(default)

### Transmit Speed



No Delay(default)



Delay 10ms



Delay 20ms



Delay 30ms

### UPC-A to EAN13



Enable



Disable(default)

### Turn On or Off Barcode



Open all 1D codes



Close all 1D codes



Open all 2D codes



Close all 2D codes

### Prefix Setting



Enter/Exit Modification



Configure the first byte of the prefix

Eg, Add a one byte prefix with the character "A", and query Appendix 2 for the decimal number "A" which is 065.

**Step 1**, Scan "Enter/Exit to modify prefix".

**Step 2**, Scan the first byte of the configuration prefix.

**Step 3**, Scan the data codes "0", "6", "5" in sequence.

**Step 4**, Finally, scan 'Enter/Exit to modify prefix' again to successfully add the A character.

(Note: This method only supports adding 1 byte of characters; if you need multiple characters, please contact your scanner technical support)

### Suffix Setting



Enter/Exit Modification



Configure the first byte of the suffix

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

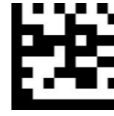
### Appendix 1:



0



1



2



3



4



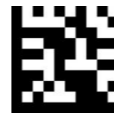
5



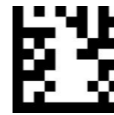
6



7



8



9

### Appendix 2: Character Comparison Table

Decimal Number	Character	Decimal Number	Character
000	NUL	032	SP
001	SOH	033	!
002	STX	034	"
003	ETX	035	#
004	EOT	036	\$
005	ENQ	037	%
006	ACK	038	&
007	BEL	039	^
008	BS	040	(
009	HT	041	)
010	LF	042	*
011	VT	043	+
012	FF	044	,
013	CR	045	-
014	SOH	046	.
015	SI	047	/
016	DLE	048	0
017	DC1	049	1
018	DC2	050	2
019	DC3	051	3
020	DC4	052	4
021	NAK	053	5
022	SYN	054	6
023	ETB	055	7
024	CAN	056	8
025	EM	057	9
026	SUB	058	:
027	ESC	059	;
028	FS	060	<
029	GS	061	=
030	RS	062	>
031	US	063	?

Decimal Number	Character	Decimal Number	Character
064	@	096	'
065	A	097	a
066	B	098	b
067	C	099	c
068	D	100	d
069	E	101	e
070	F	102	f
071	G	103	g
072	H	104	h
073	I	105	i
074	J	106	j
075	K	107	k
076	L	108	l
077	M	109	m
078	N	110	n
079	O	111	o
080	P	112	p
081	Q	113	q
082	R	114	r
083	S	115	s
084	T	116	t
085	U	117	u
086	V	118	v
087	W	119	w
088	X	120	x
089	Y	121	y
090	Z	122	z
091	[	123	{
092	\	124	
093	]	125	}
094	^	126	~
095	_	127	DEL