# 2D Barcode Scanner **User Manual**

# **Factory Default**



**Basic Configuration** 

### Interface







Interface Description:

- 1) USB mode: The factory default setting is USB mode, free drive.
- 2) Serial port mode: It needs to be equipped with a dedicated serial port wire and used in the serial port receiving software (serial port default setting: baud rate: 115200, data bit: 8 bits, stop bit: 1 bit, parity bit: none).
- 3) Virtual serial port: Need to install a dedicated driver.

#### Scan Mode





**Baud Rate** 













Note: When the serial port communication baud rate parameter is inconsistent with the host serial port software, it can be modified through the setting code.

#### **End Character**







**Keyboard Language** 

















Buzzer











**Prefix** 



Eg, Add prefix "A" Step 1, Scan above code to add" prefix "

Step 2, Scan the numeric code is 99,

Refer to Appendix 1, 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





Eq., Add Suffix "A"

Step 1, Scan above code to add" Suffix " Step 2, Scan the numeric code is 99,

Refer to Appendix 1,

Step 3, Scan the numeric code correspond to "A", the ASCII value of A in Hexadecimal is 41, Refer to Appendix 1 & Appendix 2

Step 4, Scan "save" code to save(refer to Appendix 1)

# **Image Reverse**





## **URL Barcode Configuration**





# Turn on/off all symbologies









## **UPC-A to EAN13**





#### Appendix 1:



































#### Appendix 2:

NUL	Hex	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         LE         (Line Feed)           0b         VT         (Vertical Tab)           0c         FF         (Form Feed)           0d         CR         (Carriage Return)           0e         SO         (Shift Out)           0f         SI         (Shift Unt)           0f         SI         (Shift Unt)           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 2)           13         DC3         (XOFF) (Device Control 3)		
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Og	- 01	
Oa	08	
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3e > (Greater Than)		
	3d	
3f ? (Question Mark)	3e	> (Greater Than)
•	3f	? (Question Mark)

	Char
40	@ (AT Symbol)
41	A
42	В
43	С
44	D
45	Е
46	F
47	G
48	Н
49	1
4a	J
4b	К
4c	L
4d	M
4e	N N
46 4f	0
50 51	P
	0
52	R
53	s
54	Т
55	U
56	V
57	W
58	X
59	Υ
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	С
64	d
65	е
66	f
67	g
68	h
69	i
6a	j
6b	k
6c	I
6d	m
6e	n
6f	0
70	p
71	q
72	r
73	s
74	t
75	и
76	v
77	w
78	х
79	у
7a	z
7b	{ (Left/ Opening Brace)
7c	l (Vertical Bar)
7d	} (Right/Closing Brace)
7e	~ (Tilde)
7f	DEL (Delete)
	!