

2D Barcode Scanner

User Manual

RM1970



Factory Default



Basic Configuration

Interface



USB-HID



RS232



USB-COM

Interface Description:
1) USB-HID: The factory default setting is USB -HID, 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



Manual(default)



Continuous



Auto-sensing

Baud Rate



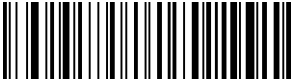
4800



9600



38400



115200

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.

Terminator



CR(default)



TAB



Disable

Keyboard Language



USA(default)



Czech



France



Germany



Spain



Italy



Turkey Q



Turkey F



Brazil



Russia



Portugal



Belgium

Sound Setting



ON



OFF



High



Low

Turn on/off all symbologies



Enable all
1D barcodes



Disable all
1D barcodes



Enable all
2D barcodes



Disable all
2D barcodes

Image Reverse



Disable



Enable

URL Code



OFF



ON

Interleaved 2 of 5



Disable



Enable

UPC-A to EAN13



Enable



Disable

Prefix



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



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



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	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	* (Astersk)
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)