



BPS 250

2D SCANNER

User Manual



Version

Factory Default



Basic Configuration

Interface



USB



RS232



USB-COM

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



Manual(default)



Continuous

Baud Rate



4800



9600



19200



38400



57600



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.

End Character



CR(default)



CR&LF



Disable

Keyboard Language



USA(default)



Czech



Franch



German



Spain



Italy



Turkey Q



Turkey F

Buzzer



ON



OFF



High



Mid



Low

Prefix



Prefix

Eg , Add prefix "A"
Step 1, Scan above code to add" prefix "
Step 2, Scan the numeric code is 9 9 , 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



Suffix

Eg , Add Suffix “A”
Step 1, Scan above code to add” Suffix ”
Step 2, Scan the numeric code is 9 9 ,
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)

Image Reverse



Disable



Enable

Bracket Sensing Mode



Mode description: After scanning the code, it will turn into self-sensing mode when placed on the holder. Pick up the scanner and turn into manual button mode (note: some models support it)

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



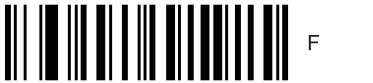
C



D



E



F



Saved

Appendix 2:

Hex	Char
00	NUL (Nul 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)