

B3POS



Barcode Scanner

Manual Guide - B3POS 8200DB

Table of contents

Restore Defaults	1
Matching Operation(2.4G Mode).....	1
Matching Operation(Bluetooth Mode)	1
To show and hide iOS keyboard	2
SPP and BLE Mode	2
End Mark	2
Working Mode	3
Power and Standby Setup.....	4
Buzzer Setup	5
Vibration ON/OFF	5
Uppercase and lowercase	5
Invoice Function	6
Reverse Code Reading	6
Scan Mode Setting	6
Language	7
Hide the characters	8
Add Prefix and Suffix	8
Appendix 1: Character comparison table	9
Appendix 2: Barcode Type ON/OFF	14
CODE128	14
EAN 8.....	14
EAN 13	15

UPC-E0		
15		UPC-A
.....		16
Interleaved 2 of 5		
18	MATRIX	25
.....	18 CODE	39
.....	18 CODE	32
.....	19	
CODABAR		
20	CODE	93
.....	21 CODE	
11.....	21 ISBN	
.....		21
ISSN		
21	INDUSTRIAL	25
.....	22 STANDARD	25
.....	22 MSI_Plessey	
.....	22 QR	
.....		22
PDF417		
23		Aztec
.....		23
DataMatrix		23
MicroPDF417		

If the scanner does not work or buzzer rang “Di-Di-Di-Di-Di”, please stop using the scanner and charging it immediately.

Restore Defaults

2.4GHz scanner default setting 2.4GHz mode,use via USB receiver.

Bluetooth scanner default setting bluetooth mode,use via bluetooth pairing.

If the scanner does not work properly, Please scan the code“Wireless Restore Defaults”



Wireless Restore Defaults

Matching Operation(2.4G Mode)

- 1, Press the button, the buzzer rang ,the scanner starts.
- 2, Scan the “2.4G Mode” barcode, then scan the “Match” barcode.
- 3, Plug the receiver to your computer, the buzzer rang “ Di---Di”, which means 2.4G pairing is successful.
- 4, Open a text, put the cursor in, Scan any barcode to see if the barcode can be uploaded.



2.4G Mode



Ma tc h

Matching Operation(Bluetooth Mode)

Bluetooth-related setting code apply only to Bluetooth-enabled products

- 1, Press the button, the buzzer rang ,the scanner starts.
- 2, Scan the “Bluetooth-HID Mode” barcode, then scan the “Match” barcode.
- 3, Enable bluetooth function on your device till find out“Barcode Scanner HID”, and click it to begin bluetooth pairing. Wait a few seconds, the buzzer rang “ Di”, which means bluetooth pairing is successful.
- 4, Open a text, put the cursor in, Scan any barcode to see if the barcode can be uploaded.



Bluetooth-HID Mode



Ma tc h

To show and hide iOS keyboard



Show/Hide iOS keyboard
To show Android keyboard, Pls contact us!



Double click show/hide iOS
keyboard--ON



Double click show/hide iOS
keyboard--OFF

SPP and BLE Mode



Bluetooth SPP Mode



Bluetooth BLE Mode

End Mark



CR



CR+LF



Tab



None

Working Mode



InstantuploadMode



StorageMode

■ Two upload mode: Instant upload mode、 storage mode

▶ Instant upload Mode Instant upload data to your computer
Upload successfully: The green light flashed and the buzzer rang “ Di ”.

▶ Storage Mode : Scan and store barcode inside the scanner, and uploaded the data to your computer when you need it.



Show total storage
(Show total number of memory)



Upload Data
(Upload Data to your computer)



High upload speed -default



Low upload speed



Zero clearing (clear all data in scanner)

1, Save successfully: The green light flashed and the buzzer rang “ Di-en ”







2, Save failed: The red light flashed and the buzzer range “ Di---en” ’
This indicates that there was not enough memory to save the bar code. Please upload the saved bar code by scanning “Upload Date” and then clear the Memory by scanning “Zero cleaning”.

3, Upload completed: the buzzer rang “ Di-do-en ”.

Power and Standby Setup



Battery Reserve (show battery level)

Set the time for automatic shutdown	
 30 seconds shutdown	 2 minutes shutdown
 5 minutes shutdown-Default	 30 minutes shutdown
 Never Standby	 Standby Immediately

► Battery level indication

Press the button, the scanner does not respond. Please charge the scanner at least for 30 minutes. If the scanner still cannot start, this indicates that the battery is broken and needs to be replaced.

► LED tips during charging

Plugged the USB cable into the USB port of computer

- (1) Charging mode: the red light is on.
- (2) Charging completed: the red light goes out.

Buzzer Setup



Volume Off



Low volume



Medium volume



High volume

Vibration ON/OFF

Only for products with vibration function



Wired-ON



Wired-OFF

Uppercase and lowercase



All uppercase



All lowercase



Normal Letter Case

Invoice Function



ON



OFF

Reverse Code Reading

Turning on this setting will affect the scanning speed, please turn it on while you need to use



ON



OFF

Scan Mode Setting



Trigger Mode



Continue Scan Mode



Auto Sense Mode

Lan gu ag e



American English *



British English



Spani sh



Italian



Russi an



Czech



French



Bel gian(French)



German



German (IOS)



Portuguese



Brazil (Portuguese)













Japanese



Other Languages

Hide the characters

 Hide the front characters	 Hide the behind characters
 Hide 1 character	 Hide 2 characters
 Hide 3 characters	 Hide 4 characters
 Hide 5 character	 Hide 6 character
 Hide 7 character	 Hide 8 character


E.g. The bar code content is "123456789" , if you want to hide the previous two characters.

The first: Scan "Hide the front characters".

The second step: Scan "Hide 2 characters".

The third step: "3456789" will be shown.

Add Prefix and Suffix



























 Add Prefix	 Add Suffix
--	---








The first: Scan "Add Prefix" or "Add Suffix" .



























The second step: Scan need to add the character code(Appendix 1).


























Appendix 1: Character comparison table

SOH	 %%01	CR	 %%0D
STX	 %%02	F1	 %%0E
ETX	 %%03	F2	 %%0F
EOT	 %%04	F3	 %%10
ENQ	 %%05	F4	 %%11
ACK	 %%06	F5	 %%12
BEL	 %%07	F6	 %%13
BS Backspace	 %%08	F7	 %%14
TAB	 %%09	F8	 %%15
LF	 %%0A	F9	 %%16
VT	 %%0B	F10	 %%17
FF	 %%0C	F11	 %%18

F12	 %%19	&	 %%26
SUB	 %%1A	,	 %%27
ESC	 %%1B	( %%28
FS	 %%1C)	 %%29
GS	 %%1D	*	 %%2A
RS	 %%1E	+	 %%2B
US	 %%1F	,	 %%2C
Space	 %%20	-	 %%2D
!	 %%21	.	 %%2E
"	 %%22	/	 %%2F
#	 %%23	0	 %%30
\$	 %%24	1	 %%31
%	 %%25	2	 %%32

3	 %%33	@	 %%40
4	 %%34	A	 %%41
5	 %%35	B	 %%42
6	 %%36	C	 %%43
7	 %%37	D	 %%44
8	 %%38	E	 %%45
9	 %%39	F	 %%46
:	 %%3A	G	 %%47
;	 %%3B	H	 %%48
<	 %%3C	I	 %%49
=	 %%3D	J	 %%4A
>	 %%3E	K	 %%4B
?	 %%3F	L	 %%4C

M	 %%4D	Z	 %%5A
N	 %%4E	[ %%5B
O	 %%4F	\	 %%5C
P	 %%50]	 %%5D
Q	 %%51	^	 %%5E
R	 %%52	_	 %%5F
S	 %%53	`	 %%60
T	 %%54	a	 %%61
U	 %%55	b	 %%62
V	 %%56	c	 %%63
W	 %%57	d	 %%64
X	 %%58	e	 %%65
Y	 %%59	f	 %%66

g	 %%67	t	 %%74
h	 %%68	u	 %%75
i	 %%69	v	 %%76
j	 %%6A	w	 %%77
k	 %%6B	x	 %%78
l	 %%6C	y	 %%79
m	 %%6D	z	 %%7A
n	 %%6E	{	 %%7B
o	 %%6F		 %%7C
p	 %%70	}	 %%7D
q	 %%71	~	 %%7E
r	 %%72	DEL	 %%7F
s	 %%73		

Appendix 2: Barcode Type ON/OFF

CODE128



OFF



ON

EAN8



OFF



ON



Check Digit-OFF



Check Digit-ON



2 Extra Code-OFF



2 Extra Code-NO



5 Extra Code-OFF



5 Extra Code-ON

EAN 13



OFF



ON



Check Digit-OFF



Check Digit-ON



2 Extra Code-OFF



2 Extra Code-NO



5 Extra Code-OFF



5 Extra Code-ON

UPC-E 0



OFF



ON



Check Digit-OFF



Check Digit-ON



2 Extra Code-OFF



2 Extra Code-NO



5 Extra Code-OFF



5 Extra Code-ON



System Digit-OFF



System Digit-ON

UPC-A



OFF



ON



Check Digit-OFF



Check Digit-ON



2 Extra Code-OFF



2 Extra Code-ON



5 Extra Code-OFF



5 Extra Code-ON



System Digit-OFF



System Digit-ON



UPCA to EAN13-OFF



UPCA to EAN13-ON

Interleaved 2 of 5



OFF



ON



Check Digit-OFF



Check Digit-ON

MATRIX 25



OFF



ON



Check Digit-OFF



Check Digit-ON

CODE 39



OFF



ON



Check Digit-OFF



Check Digit-ON



Start&End Digit-OFF



Start&End Digit-ON



Full ASCII-OFF



Full ASCII-ON

CODE 32



OFF



ON



Prefix-OFF



Prefix-ON



Check Digit-OFF



Check Digit-ON

CODABAR



OFF



ON



Start&End Digit-OFF



StartABCD/End DigitABCD-ON



StartABCD/End DigitTN*E -ON



Start abcd/End Digit abcd-ON



Start abcd/End Digitn*e-ON

CODE 93



OFF



ON

CODE 11



OFF



ON

ISBN



OFF



ON

ISSN



OFF



ON

INDUSTRIAL25



OFF



ON

STAN D AR D2 5



OFF



ON

MSI_Plessey



OFF



ON

QR



OFF



ON

PDF417



OFF



ON

Aztec



OFF



ON

DataMatrix



OFF



ON

MicroPDF417



OFF



ON

MicroQR



OFF



ON