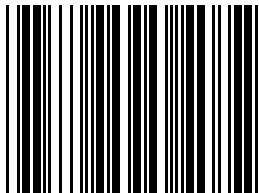


Omnidirectional Barcode Scanner User Manual

V4.0



Enter/Exit Programming Mode

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Introduction

This user manual is designed for omnidirectional laser barcode scanner. For detailed usage manual information, please download the complete user manual from our website or obtain it from our distributor.

Copyright

All right reserved by our company, reprint, copy or sales of this manual are forbidden without our company permission.

Responsibility Clause

We are not responsibility for errors, omissions and variation without notice.

Change the Scanner Setting

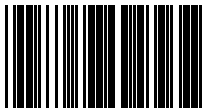
In order to change the scanner setting, please follow the steps below:

1. Scan the Enter/Exit Programming Mode barcode. There will be 2 beeps (low-high) indicating ready to make settings.
2. Scan barcodes for the desired feature (1 beep)
3. Scan the Enter/Exit Programming Mode barcode again to save the configuration. There will be 2 beeps (long---short) indicating a successful setting.

After reading a valid barcode in programming mode, the scanner will give a high beep.

System Setting

Reset

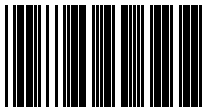


★ Reset (Return to factory default)

Reading of “Reset” barcode turns all parameters back to default values, and the scanner remains in the last interface set when it is reset.

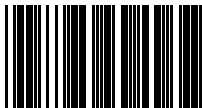
★=Default Value

Return to PC/AT & USB Default



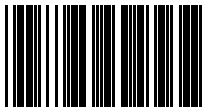
Return to PC/AT & USB default

Return to Automatic Interface



★ Automatic Interface

Return to RS-232 Default

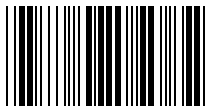


Return to RS-232 default

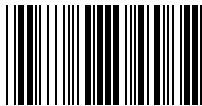
Sleep Timeouts Selection

In this section, user can set both laser and/or motor to enter into sleep mode. The timeout programming barcodes will allow users to set the different time frame before entering into laser and/or motor sleep mode. The feature reduces power consumption and prolongs scanner life time.

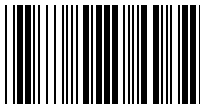
Motor Sleep Timeouts Selection



Motor sleep mode off

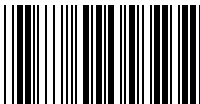


Motor sleep time 10 min

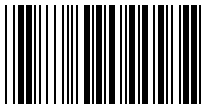


★Motor sleep time 30 min

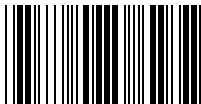
Laser Sleep Timeouts Selection



Laser sleep mode off



★Laser sleep time 10 min



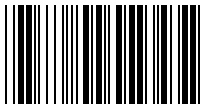
Laser sleep time 30 min

Scan Code Delay Time

This parameter sets the minimum time allowed between decodes of the same barcode.



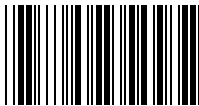
Same code delay time 300 msec.



★ Same code delay time 600 mses.



Same code delay time 900 mses.

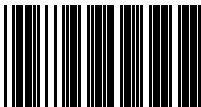


Don't allow to continuous reading
of the same barcode

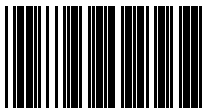


★Allow to continuous reading
of the same barcode

Beeper Setting

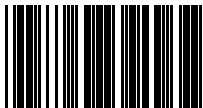


★Power-up tone enable

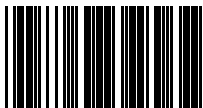


Power-up tone disable

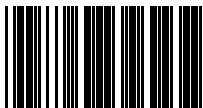
Beeper Tone



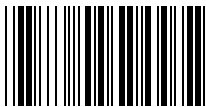
High beeper tone



★Medium beeper tone

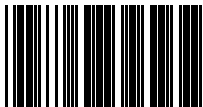


Low beeper tone

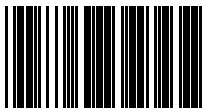


Speaker disable

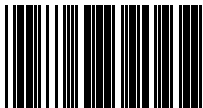
Beeper Sound Duration



Short duration

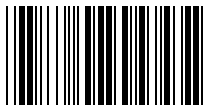


★ Medium duration

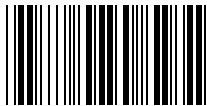


Long duration

Beeper Volume



★ Loud beeper volume



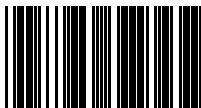
Medium beeper volume



Low beeper volume

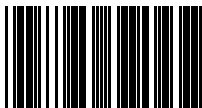
RS-232 Interface Communication

Baud Rate

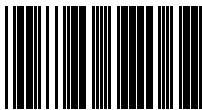


1200

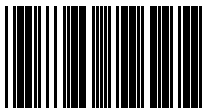
16



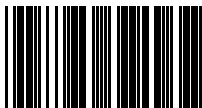
2400



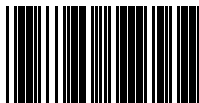
4800



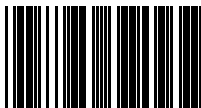
★9600



19200



38400

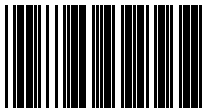


57600



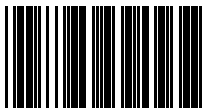
115200

Stop Bit



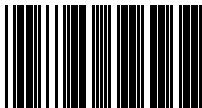
★ 1 stop bit

20

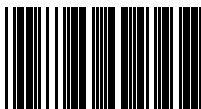


2 stop bits

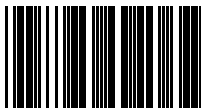
Keyboard Language Selection



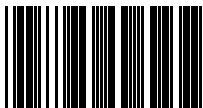
Universal Language



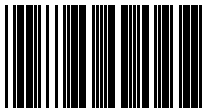
★USA



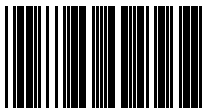
Germany



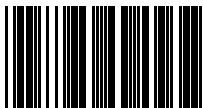
UK



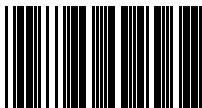
French



Spanish

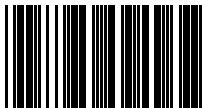


Italy

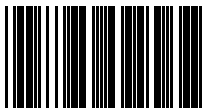


Turkish

Capital Lock

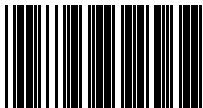


Conversion

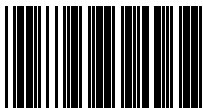


★Capital Lock Off

Function Key Emulation



★Function Key Emulation Enable



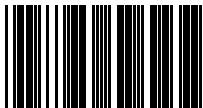
Function Key Emulation Disable

Data Edit

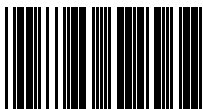
Prefix and Suffix

Prefix / suffix Maximum character length is 10 characters, setting steps:

1. Scan the "Enter/Exit programming mode" barcode
2. Scan the "prefix" / "suffix" bar code, need to add the prefix and suffix, please set separately
3. Scan the barcode from the FULL ASCII list (please refer to the full user manual)
4. Scan the "prefix" / "suffix" barcode
5. Scan the "Enter/Exit programming mode" barcode

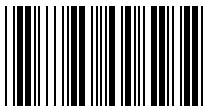


Prefix

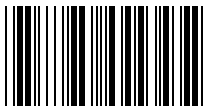


Suffix

Terminator



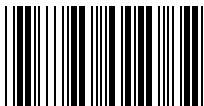
None



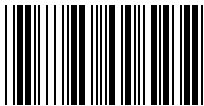
TAB (0X0D+0X0A)



★Enter (0X0D)



Space (0x20)

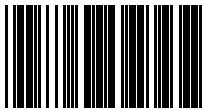


Return (0x0A)

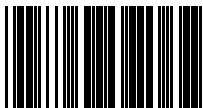
Truncate Header/Trailer Character

Intercept start and stop character setting steps:

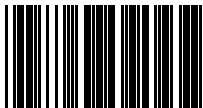
1. Scan the "Enter/Exit programming mode" barcode.
2. Scan the "Data intercept start digit" barcode.
3. Read the 3-digit 0 to 9 in the setting parameter table continuously.
4. Scan the "Data intercept stop digit" barcode.
5. Read the 3-digit 0 to 9 in the setting parameter table continuously.
6. Scan the "Intercept from left to right"/ "Intercept from right to left" barcode.
7. Scan the "Enter/Exit programming mode" barcode.



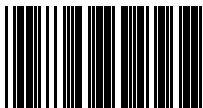
★ Intercept Disable



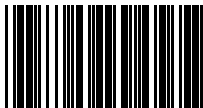
Intercept from left to right



Intercept from right to left



Data intercept start digit



Data intercept stop digit

For example, if the barcode is “0123456”, take “234”, that means the first 3 to 5 digits.

Setting steps:

scan “Enter/Exit Programming Mode”

“Data intercept start digit”

“0”, “0”, “3”

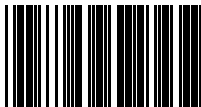
“Data intercept stop digit”

“0”, “0”, “5”

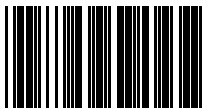
“Intercept from left to right”

“Enter/Exit Programming Mode”.

Add Code Length



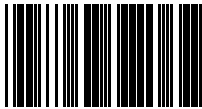
Add Code Length as Header Enable
(All barcode)



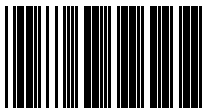
★Add Code Length as Header Disable
(All barcode)

Symbology Configuration

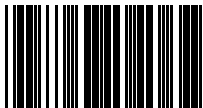
Reading Code Selection



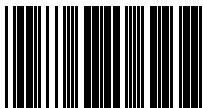
★Code 39 Enable



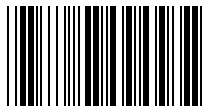
Code 39 Disable



★Codabar Enable



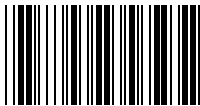
Codabar Disable



★UPCA Enable



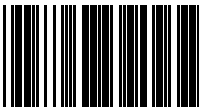
UPCA Disable



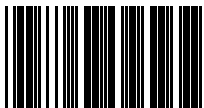
★EAN13 Enable



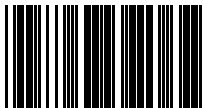
EAN13 Disable



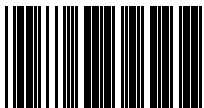
★ITF 2 of 5 Enable



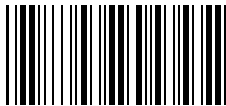
ITF 2 of 5 Disable



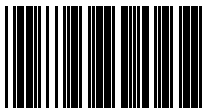
China Postal Code Enable



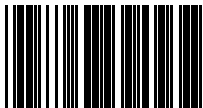
★China Postal Code Disable



★Code 128 Enable



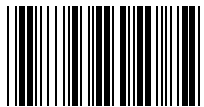
Code 128 Disable



★ Code 93 Enable



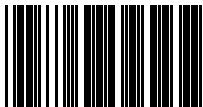
Code 93 Disable



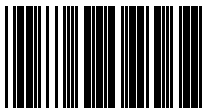
EAN-128 Enable



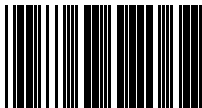
★EAN-128 Disable



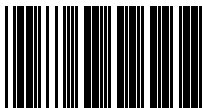
Black and white inverse code reading on



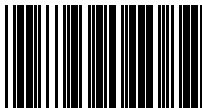
★Black and white inverse code reading off



MSI Enable



★MSI Disable



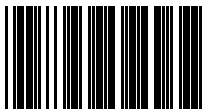
ISBN Enable



★ISBN Disable



ISSN Enable



★ISSN Disable

Parameter Table Setting



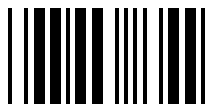
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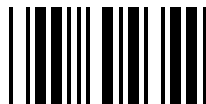
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2



3



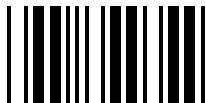
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5



6



7

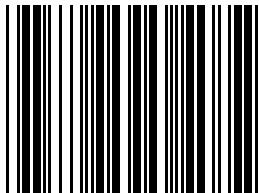
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8



9



Enter/Exit Programming Mode