Omnidirectional Barcode Scanner

User's Manual

V4.1
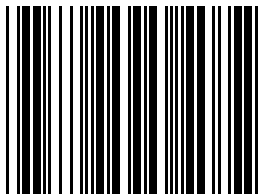
Enter/Exit Programming Mode

CONTENTS

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

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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 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 desored 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.

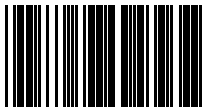After reading a valid barcode in programming mode,the scanner will give a high beep.
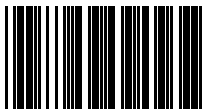
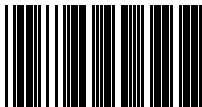Eeserved 1
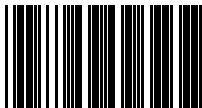
Version information

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.
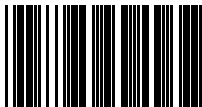
★=Default Value

Return to PC/AT & USB Default
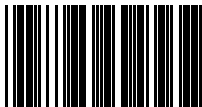

Return to PC/AT & USB default

3

System Setting

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. (Requires device support for this function.)
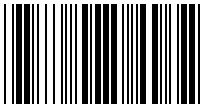
Motor Sleep Timeouts Selection
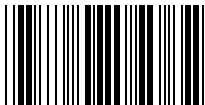
Motor sleep mode off
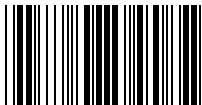
Motor sleep time 10 min

★Motor sleep time 30 min

Laser Sleep Timeouts Selection
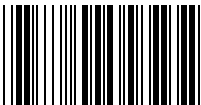
Laser sleep mode off

★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.
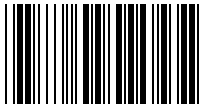
Same code delay time 900 mses.
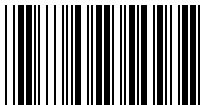
Don't allow to continuous reading
of the same barcode

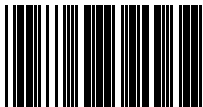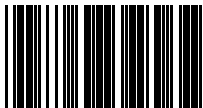★Allow to continuous reading
 of the same barcode

Beeper Setting
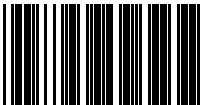
★Power-up tone enable

Power-up tone disable

Beeper Tone

High beeper tone

★Medium beeper tone
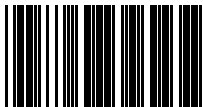
Low beeper tone
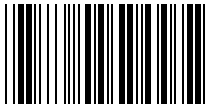
Speaker disable

Beeper Sound Duration
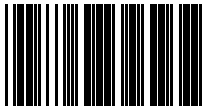
Short duration
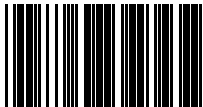
★ Medium duration
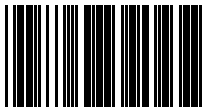
Long duration

Beeper Volume
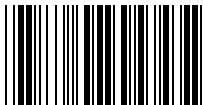
★Loud beeper volume

Medium beeper volume

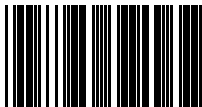||||||||||||||||||||||||||
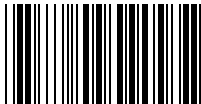
Low beeper volume

RS-232 Interface Communication

Baud Rate

||||||||||||||||||||||||||
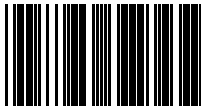
1200
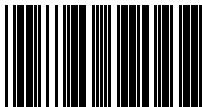
2400
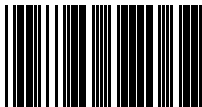
4800
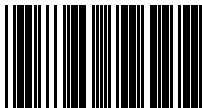
★9600

19200

||||| ||| | || | ||| ||| |||
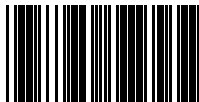
38400

||| ||| | || ||| ||| |||
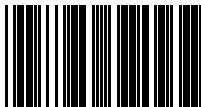
57600

||||||||||||||||||||
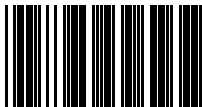
115200

Stop Bit

||||||||||||||||||||

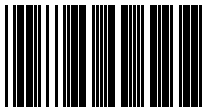★1 stop bit

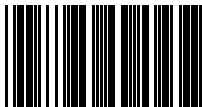||||||||||||||||||||
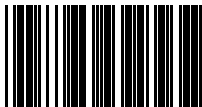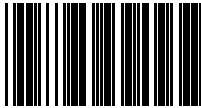
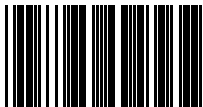2 stop bits

Keyboard Language Selection
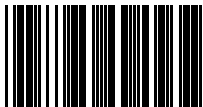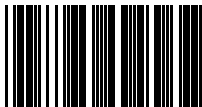
||||||||||||||||||||
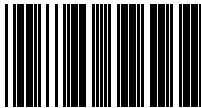
Universal Language
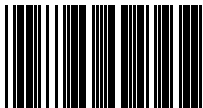
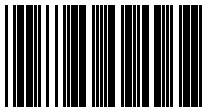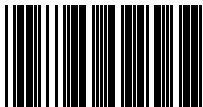★USA
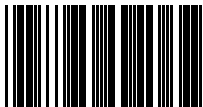
Germany

UK

French

Spanish
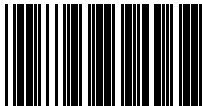

Italy

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 ASCLL list (please refer to the full user manual)
4. Scan the "prefix" / "suffix" barcode
5. Scan the "Enter/Exit programming mode" barcode
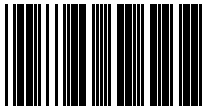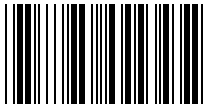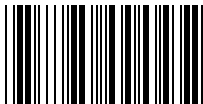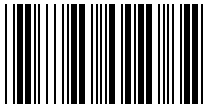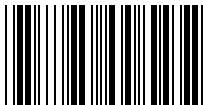

Prefix

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.

||||||||||||||||||||||||
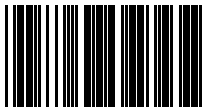
★Intercept Disable
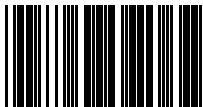
Intercept from left to right
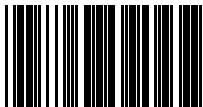
Intercept from right to left
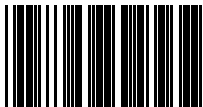
Data intercept start digit
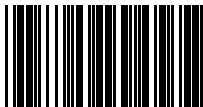
Data intercept stop digit

For example,if the barcode is"0123456",take
"234",that means the first 3 to 5 digits.
Setting steps:
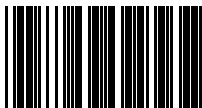scan"Enter/Exit Progamming Mode"
"Data intercept start digit"
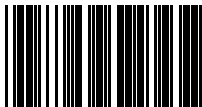"0","0","3"
"Data intercept stop digit"
"0","0","5"
"Intercept from left to right"
"Enter/Exit Programming Mode".

Eeserved 2

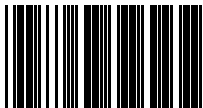## Add Code Length

Add Code Length as Header Enable
(All barcode)
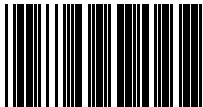
★Add Code Length as Header Disable
(All barcode)

Symbology Configuration

Reading Code Selection
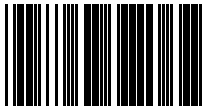
★Code 39 Enable

Code 39 Disable
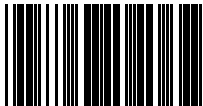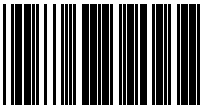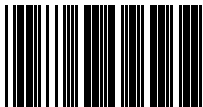
★Codabar Enable
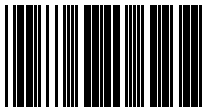
Codabar Disable
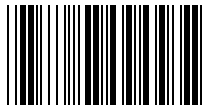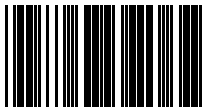
★UPCA Enable
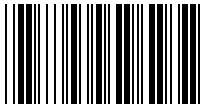
UPCA Disable
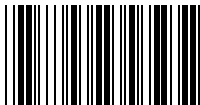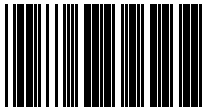
★EAN13 Enable

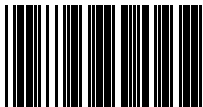EAN13 Disable

★ITF 2 of 5 Enable
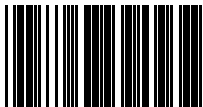
ITF 2 of 5 Disable

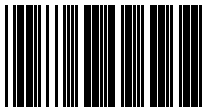China Postal Code Enable

★China Postal Code Disable
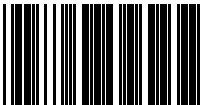
★Code 128 Enable
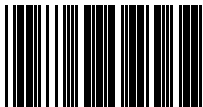
Code 128 Disable

★Code 93 Enable

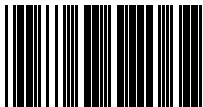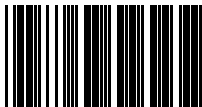Code 93 Disable

EAN-128 Enable

★EAN-128 Disable

Black and white inverse code reading on
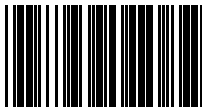
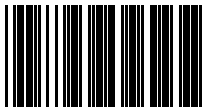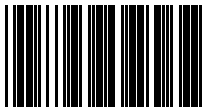★Black and white inverse code reading off

MSI Enable

★MSI Disable

ISBN Enable

★ISBN Disable
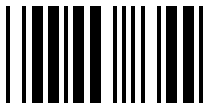
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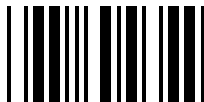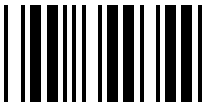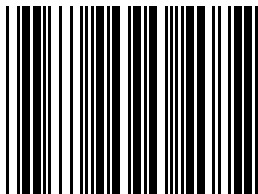
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Parameter Table Setting

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Enter/Exit Programming Mode