

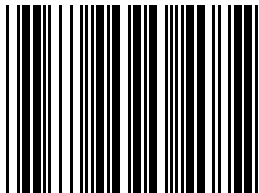


SC205

Laser Hands Free  
Omnidirectional Barcode Scanner

## User Manual





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**

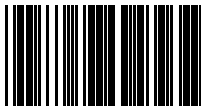
In order to change the scanner setting, please follow the steps below:

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

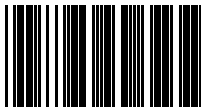


★ Reset (Return to factory default)

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

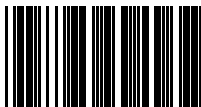
★=Default Value

## Return to PC/AT & USB Default



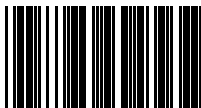
Return to PC/AT & USB default

## **Return to Automatic Interface**



★ Automatic Interface

## **Return to RS-232 Default**



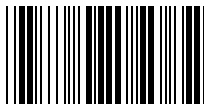
Return to RS-232 default



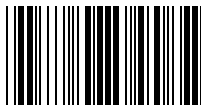
# Sleep Timeouts Selection

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.

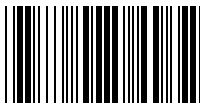
## Motor Sleep Timeouts Selection



Motor sleep mode off

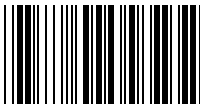


Motor sleep time 10 min

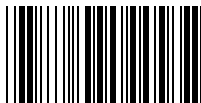


★Motor sleep time 30 min

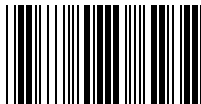
## Laser Sleep Timeouts Selection



Laser sleep mode off



★Laser sleep time 10 min



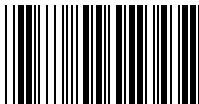
Laser sleep time 30 min

# Scan Code Delay Time

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



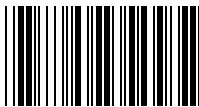
Same code delay time 300 msec.



★ Same code delay time 600 mses.



Same code delay time 900 mses.

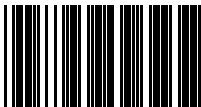


Don't allow to continuous reading  
of the same barcode



★Allow to continuous reading  
of the same barcode

## Beeper Setting

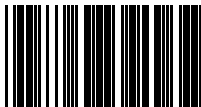


★Power-up tone enable

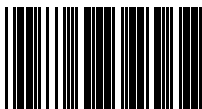


Power-up tone disable

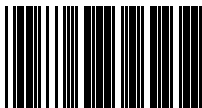
## Beeper Tone



High beeper tone

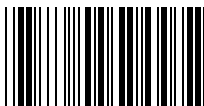


★Medium beeper tone



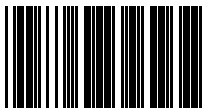
Low beeper tone



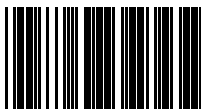


Speaker disable

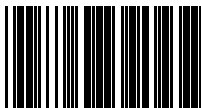
## **Beeper Sound Duration**



Short tone

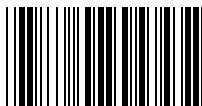


★ Medium tone



Long tone

## Beeper Volume



★ Loud beeper volume



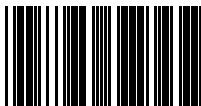
Medium beeper volume



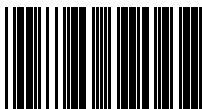
Low beeper volume

## **RS-232 Interface Communication**

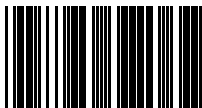
### **Baud Rate**



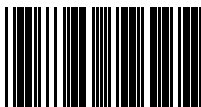
1200



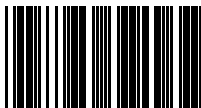
2400



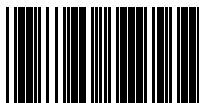
4800



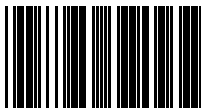
★9600



19200



38400



57600



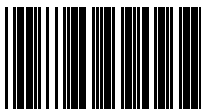
115200

## Stop Bit



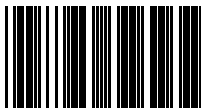
★ 1 stop bit



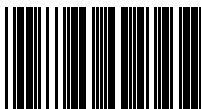


2 stop bits

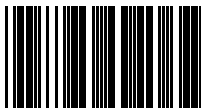
## Keyboard Language Selection



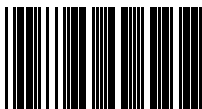
Keyboard Language Support---  
Common Language



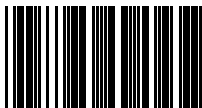
★Keyboard Language Support---USA



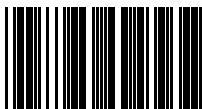
Keyboard Language Support---Germany



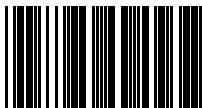
Keyboard Language Support---UK



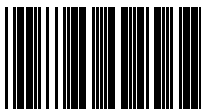
Keyboard Language Support---French



Keyboard Language Support---Spanish

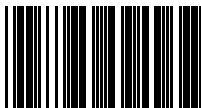


Keyboard Language Support---Italy



Keyboard Language Support---Turkish

**Capital Lock**

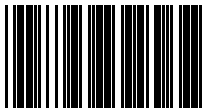


Conversion

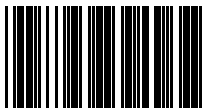


★Capital Lock Off

## Function Key Emulation



★Function Key Emulation Enable



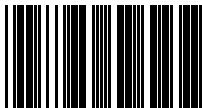
Function Key Emulation Disable

## 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

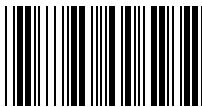


Prefix



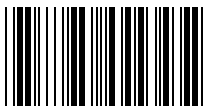
Suffix

**Terminator**



None

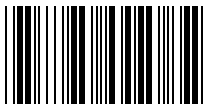




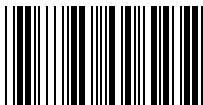
TAB (0X0D+0X0A)



★Enter (0X0D)



Space (0x20)

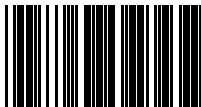


Return (0x0A)

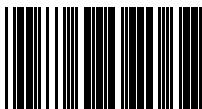
## Truncate Header/Trailer Character

Intercept start and stop character setting steps:

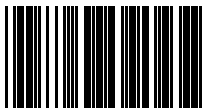
1. Scan the "Enter/Exit programming mode" barcode.
2. Scan the "Data intercept start bit" barcode.
3. Read the 3-digit 0 to 9 in the setting parameter table continuously.
4. Scan the "Data intercept stop bit" barcode.
5. Read the 3-digit 0 to 9 in the setting parameter table continuously.
6. Scan the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



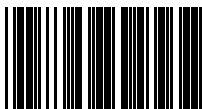
★ Intercept Disable



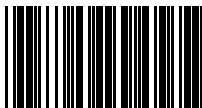
Intercept from left to right



Intercept from right to left



Data intercept start bit



Data intercept stop bit

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 bit”

“0”, “0”, “3”

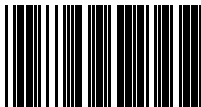
“Data intercept stop bit”

“0”, “0”, “5”

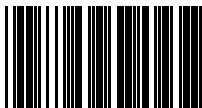
“Intercept from left to right”

“Enter/Exit Programming Mode”.

## Add Code Length



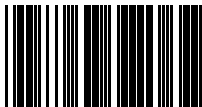
Add Code Length as Header Enable  
(All barcode)



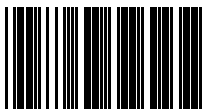
★Add Code Length as Header Disable  
(All barcode)

## Symbology Configuration

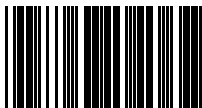
### Reading Code Selection



★Code 39 Enable

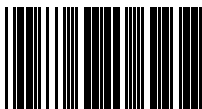


Code 39 Disable

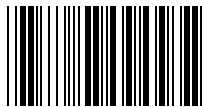


★Codabar Enable





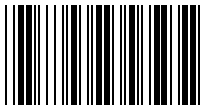
Codabar Disable



★UPCA Enable



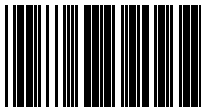
UPCA Disable



★EAN13 Enable



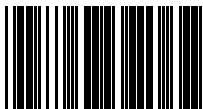
EAN13 Disable



★ITF 2 of 5 Enable



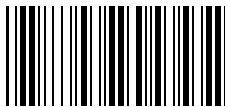
ITF 2 of 5 Disable



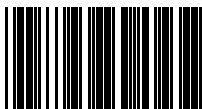
China Postal Code Enable



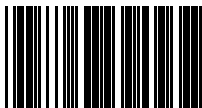
★China Postal Code Disable



★Code 128 Enable



Code 128 Disable



★ Code 93 Enable



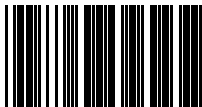
Code 93 Disable



EAN-128 Enable

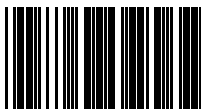


★EAN-128 Disable

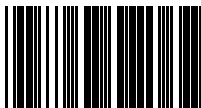


Black and white inverse code reading on

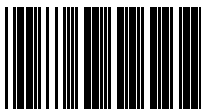




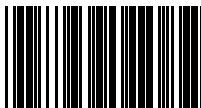
★Black and white inverse code reading off



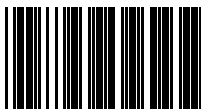
MSI Enable



★MSI Disable



ISBN Enable



★ISBN Disable



ISSN Enable



★ISSN Disable

## Parameter Table Setting



0



1



2



3



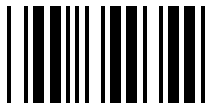
4



5



6



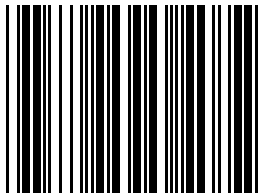
7



8



9



Enter/Exit Programming Mode





SC205  
Laser Hands Free  
Omnidirectional Barcode Scanner

---

**User Manual**

