

**High speed omnidirectional  
Laser bar code scanning platform**

**Set manual**

## Entry settings



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# Brief introduction

The scanning platform is a high efficiency omnidirectional laser bar code scanning platform. Not only the shape is small and exquisite but also the property is stable and reliable. No matter how the POS environment it can do. it Can be used as a fixed scanning platform, also be used as a hand-held scanning platform.

# Scanning range

Please don't put the scanner 90 degrees on the bar code .if so, the laser will be reflected directly from the bar code Scanner, which is specular reflection. it causes the scanner to be difficult to decode.

Correctly read the code as shown below:

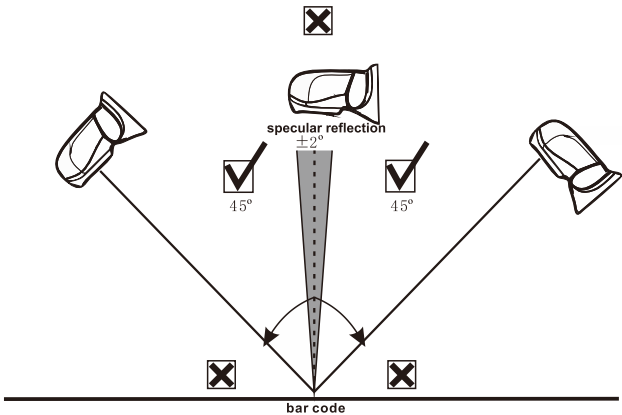


Figure 1-1 maximum tilt angle and dead angle

## Parameter setting process

If need to modify the scanner settings parameters you can be achieved by scanning the settings.

Note: must be set according to the correct process.

### Setting process as follows:

Restore factory settings:

Step 1: enter the settings

Step 2: restore factory settings

Other settings:

Step 1: Entry settings

Step 2: Related set code (can be set a number of settings at the same time)

Step 3: Exit setup

Example: CODE128 code

example of "check transmission"

Step: scan the following settings code in turn

Entry settings



X<sup>T</sup>Set

Open 128 code check code transmission



128V<sup>T</sup>

Exit setup



X<sup>T</sup>E<sup>s</sup>c

Note: in the manual setting, with an asterisk (\*) represents the default settings.

## Factory setting

<b>project</b>	<b>Default value</b>
Interface	USB
Identity character	Close
Multiple check	Close
Voice prompt	open
Sleeping	Close
The same bar code delay	200ms
End of data transmission	Carriage return

### Code default parameter

The barcode	Reading	Check	Check transmission	Identity character
UPC-A	open	open	open	b
UPC-E	open	open	open	c
EAN-13	open	open	open	e
ISBN	close	open	open	f
EAN-8	open	open	open	d
CODE 39	open	close	close	a
Interleaved 2 of 5	close	close	close	i
Industrial 2 of 5	close	close	close	j
Matrix 2of 5	close	close	close	n
CodeBar	open	close	close	k
CODE 128	open	open	close	g
CODE 93	open	open	close	h
CODE 11	close	open	close	m
MSI	close	close	close	l
China Post Code	close	close	close	o

### Entry settings



### Exit setup





**Restore factory settings**



**Note:** restore factory settings don't need to scan and exit setup.

**Warning:** all parameters will be returned to factory settings.

**\* USB interface**



**Ps2 Interface**



**Rs232 Interface(Baud rate:115200)**



**Enable global identity**



**Note: the identity of character corresponding to the code system, please refer to the fifth page factory settings.**

**\* Disable global identity**



**Enable Double confirm**



**Note:when the scanner read a number of the same results, the characters can be output.**

**\* Disable Double confirm**



**\* Open sound**



**Note:** after closing the sound , reading the bar code is in the silent state, but reading the setting codes is in sound state.

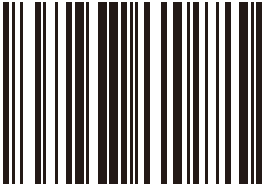
**Close sound**



**sleeping after 10 minutes**



**sleeping after 20 minutes**



**sleeping after 30 minutes**



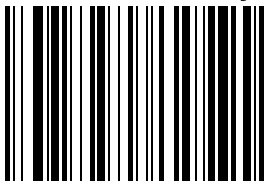
**Note: when the scanner stops scanning time exceeds the setting time, the scanner will automatically enter the sleeping state. when something pass through the scanning window it will automatically wake up.**

**\* Shut off sleeping**

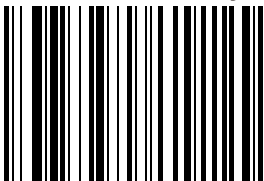


## Delay setting

**\* the same bar code delay 200ms**

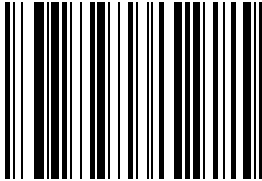


**the same bar code delay 300ms**

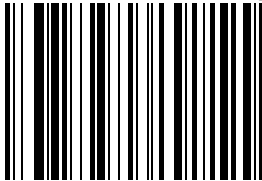




the same bar code delay 500ms



the same bar code delay 1s



## Terminator setting

**\* Open carriage return**



**Closing data Terminator**



**Open TAB end character**



**Closing data Terminator**



**\* Enable UPC-A**



**Disable UPC-A**



**Enable Convert UPC-A to EAN-13**



**\* Disable Convert UPC-A to EAN-13**



**\* Enable UPC-E**



**Disable UPC-E**



**Enable Convert UPC-E to EAN-13**



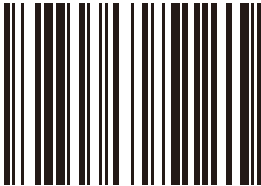
**\* Disable Convert UPC-E to EAN-13**



**Enable Convert UPC-E to UPC-A**



**Disable Convert UPC-E to UPC-A**





**\* Enable EAN-13**



**Disable EAN-13**



**Enable Convert EAN-13 to ISBN**



**\* Disable Convert EAN-13 to ISBN**



**\* Enable EAN-8**



**Disable EAN-8**



## CODE 39

**\* Enable CODE 39**



**Disable CODE 39**



**\* CODE39 standard transmission format**



**Enable CODE 39 Full ASCII**



**Enable CODE 39 Start/End character**



**\* Disable CODE 39 Start/End character**



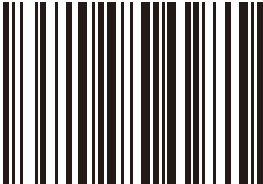
**Enable Interleaved 2 of 5**



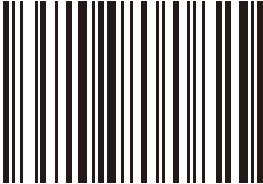
**\* Disable Interleaved 2 of 5**



**Enable Industrial 2 of 5**



**\* Disable Industrial 2 of 5**





**Enable Matrix 2 of 5**



**\* Disable Matrix 2 of 5**



**\* Enable CodeBar**



**Disable CodeBar**



**Enable CodeBar Start/End character**



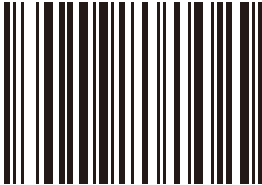
**\* Disable CodeBar Start/End character**



**\* Enable CODE 128**



**Disable CODE 128**



**\* Enable CODE 93**



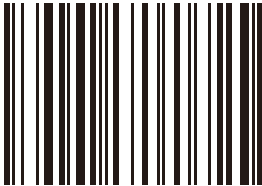
**Disable CODE 93**



**Enable CODE11**



**\* Disable CODE11**



**Enable MSI**



**\* Disable MSI**



## China Post Code

**Enable China Post Code**



**\* Disable China Post Code**





# Maintenance

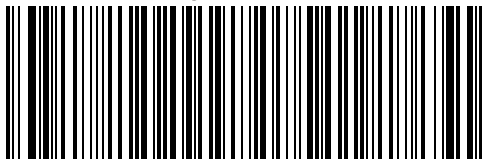
Cleaning up the window is the only need of maintenance because the dust particles on the window affects scanning accuracy.

- Please don't let any sharp, matte material contact the window.
- Wipe the dust particles with the glasses cloth.

# Trouble shooting

Problem	Possible reasons	Possible solutions
Property install the interface cable, But did not show the full scan mode.	Scanner not energized.	please ensure the host is energized and turned on. when using USB interface ,Please insert the USB cable into the USB interface on the computer main board, don't use the extended USB interface and other USB extended line.
	connection of Interface cable is abnormal.	please check if the cable connection is loose.
Scan line display but can not read.	this type of bar code system isn't open.	open the code system by setting the code.
	Bar code damage.	try to scan other bar code with the same type .
	the bar code is too far from the scanner.	Move the bar code near the bar code scanner
	the code height isn't enough, the laser line can't fully cover the code.	please ensure laser line fully cover the code.
Scanning data can't correctly display on the host computer.	Input method error.	The input method is converted into the standard English input method.
	Other parameters are set for the scanner.	please return the parameters of the scanner to the factory settings or Contact vendor service center.

**Display version number**



**Exit setup**

