2D Barcode Scanner

User's Guide

Version Information

Versions	Version description	Released date
V2.5.2	Corresponding software version 2.4.8	2017.08.21
V2.6.0	Corresponding software version 2.4.9 Modify Alipay and micro letter billing code settings Added micro letter billing ticket settings Added Sensing Mode The fill light is automatically lit to the brightness level setting Added Sensing Mode Phone Screen Scanning Speed Enhancement Mode Settings Added code system distinction function setting Add an appendix to the Code ID table	2017.08.23

Contents

Note: with * means the default configuration

I. System settings

Restore factory settings show product information

Factory default settings

Restore factory settings: All settings are restored to the factory default configuration

User default settings

Save user default settings: Save the current settings of the device as the user default settings. When the factory settings are restored, the user settings will not be lost but the device will be restored to the factory default configuration.

Restore user default settings: Enable previously saved user defaults, and if you do not save the user default settings, restoring user defaults will not change the current settings.

Delete user defaults: Deletes the user default settings that were previously saved.

Save the user default settings

Restore the user default settings

Delete the user default settings

*indicates the factory default setting

Boot music settings

Boot music: This setting is only valid for passive buzzers

music off

music 1

music 2

music 3

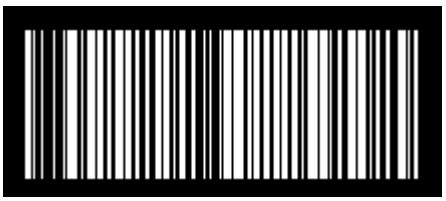
Inverse barcode settings

Inverse： Read only inversebarcode (white barcode)

Normal： Read only normal barcode(black barcode)

Auto： Read both

INVERSE



NORMAL

AUTO

Mirror settings

Initial： Normal scan

Horizontal： Need to scan with a mirror

initial

Horizontal

Color barcode enhancement mode settings

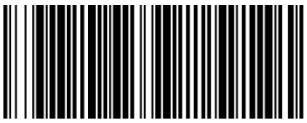
black white

color

Scan configuration function settings

Allow scan code configuration on：Allow scan configuration

Allow scan code configuration off：Use with caution, can’t turn on this feature again after turn off.



allow scan code configuration on

allow scan code configuration off

Extended scanning command ON/OFF setting

（Note：Please contact manufacturer for detailed ON/OFF command format）

Start/Stop scanning command 1 on

Start/Stop scanning command 1 off

Start/Stop scanning command 2 on

Start/Stop scanning command 2 off

Start/Stop scanning command 3 on

Start/Stop scanning command 3 off

USB HIDMulti-language keyboard type setting

American

Czech Republic

France

Germany

Hungary

Italy

Japan

Spain

II. Peripheral settings

Illumination led settings

Noarmal mode：

Illumination led on： Illumination led turn on when scan, off when standby

Illumination led off： Illumination led remains off

Illumination led on

Illumination led off

Maximum brightness settings under normal mode： In the reading, the illumination ledis turned on, illumination brightness adjustable 1 ~ 16, 16 the brightest.

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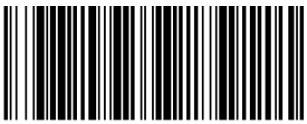
14

15



*16

Steady mode:

Illumination led steady mode off: Restore to normal mode

Illumination led steady mode on: Illumination led remains on when powered, illumination brightness adjustable 1 ~ 16, 16 the brightest.

Illumination led Steady mode off

Illumination led Steady mode on

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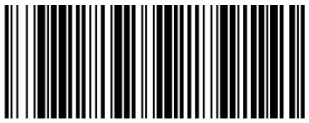
15



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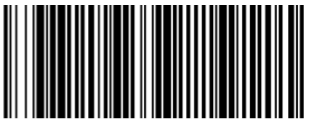
Brightness setting under automatic mode：

automatic light off

1



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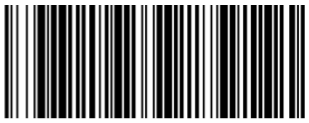

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Aimer setting

Aimer off： Aimer remains off

Aimer on mode 1： Aimer on and twinkle, Assisting the user to aim (recommended)

Aimer on mode 2： Aimer remains on when scan

Aimer off

Aimer on mode 1

Aimer on mode 2

Beeper setting

Beep

power up beep on

power up beep off

decode beep on

decode beep off

config beep on

config beep off

Beeper Type: Select the beep type according to the hardware configuration

active beep

passive beep

Beeper volume setting

Beeper volumn：This setting is the default beeper volume value, and the beeper is required for the passive beeper

beeper volume

Beeper pitch：This setting is the default beeper volume pitch, and the beeper is required for the passive beeper

beeper pitch

Indicator setting

power up led on

power up led off

decode led on

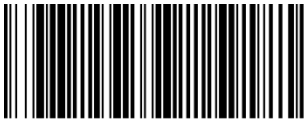
decode led off

config led on

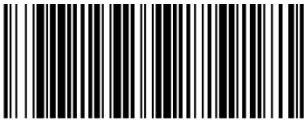
config led off

III. Interface settings

USB



*USB HID



USB virtual com

TTL232 output

TTL232 output

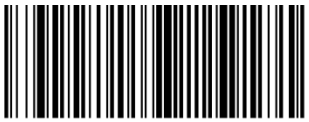
USB version setting

*USB 1.1

USB 2.0

USB HID transmission rate setting

USB HID transmission rate setting: default value is 5, the smaller the value is, the faster.



1

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*5

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TL232 baud rate settings

115200.

4800.

57600.

2400.

38400.

1200.

19200.

600.

*9600.

300.

IV. Operating mode setting

System operating mode setting

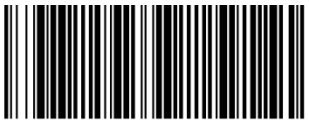
Trigger scanning mode:manually triggers a decoding

Continues scanning mode: automatically start decoding after power-on,, waitfor a period of time after the decoding success or failure and automatic start the next decoding

CMD trigger continues scanning mode: After power-up to send the start decoding command, the device begins to decode until the stop decoding command is received

Induction mode: When the device detects a bar code appears in the window range, it triggers a decoding

Triger scanning mode



CMD trigger continues scanning mode

Continues scanning mode

Induction mode

Screen reading settings

Screen read mode on: enhance the phone and other screen code reading. Note: open this mode, reading paper barcodesuccess rate is likely to decline.

Screen read mode off：turn off the screen readmode

Screen read mode on

Screen read mode off

Induction mode phone screen scan speed enhancement mode setting

Enhanced mode：Enhance the reading rate of the phone screen code.

General mode：General mode

Enhanced mode

General mode

Chinese output mode

Chinese output on：Support USBHID KEYBOARD interface directly output Chinese

Chinese output off： After the Chinese output is turned off, the USB HID KEYBOARD interface will not be able to output Chinese

Chinese output on

Chinese output off

Note: When the USB HID Chinese output mode is turned on, if Chinese input on PC is also turned on, will result in output disorder. Below setting can help solve this problem.

Chinese input enhanced mode: In this enhanced mode, even if the Chinese input method on PC is turned on, the USB HID KEYBOARD can still output directly in Chinese

Chinese input general mode: General mode

Chinese input enhanced mode

Chinese input general mode

Alipay billing code settings

Alipay billing code read mode on

Alipay billing code read mode off

Wechat billing code settings

WeChat billing code read mode on

WeChat billing code read mode off

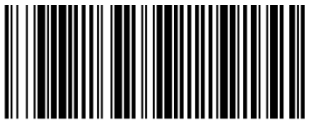
Note: Need to open the Chinese output and Wechat billing code mode on at the same time to be effective.

TAX billing code settings

TAX billing code read mode on： Turn on tax billing code reading function, mainly used reading tax billing code

TAX billing code read mode off： Turn off tax billing code reading function

TAX billing code read mode on



TAX billing code read mode off

V. Output format settings

Automatically add settings

Automatically add linefeed： Automatically add LF at the end of the barcode

Automatically add TAB： Automatically add TAB at the end of the barcode

end char off

end char 0x0a 0x0d on

end char 0x0d on

suffix add tab on

suffix add Tab off

Turn on and off the scancommand reply settings

Turn on and off whether reply to scan command

reply

no reply

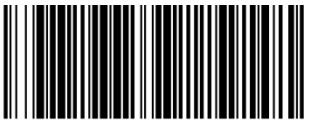
Leading character settings

UPC/EAN13：

Remove： Remove the ISSN leading character "977"

Don’ t remove： Don’ t remove the ISSN leading character "977"

remove



don't remove

Remove：Remove the ISBN leading character "978"

Don’ t remove：Don’ tremove the ISBN leading character "978"

remove

don't remove

Start/Stop character types

Codabar：

start:ABCD stop:ABCD

start:ABCD stop:TN*E

start:abcd stop:abcd

start:abcd stop:tn*e

Code identify settings

The user can identify different barcode types by Code ID. For details, please refer to the Appendix ID table

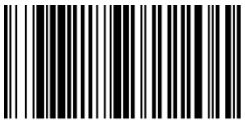
Code identify on：Corresponding Code ID will be added to scan result，barcode type can be identified through this Code ID.

Code identify on

Code identify off

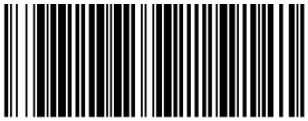
VI. Code settings

Show enabled codes

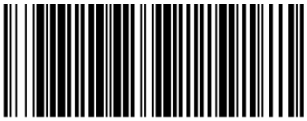


Show enable codes

Code switch



*code39 on



code39 off

*code128 on

code128 off

*UPC/EAN/JAN on

UPC/EAN/JAN off

*code93 on

code93 off

*interleaved 2 of 5 on

interleaved 2 of 5 off

*codabar on

codabar off

*Standard 2 of 5 on

Standard 2 of 5 off

*Matrix 2 of 5 on

Matrix 2 of 5 off

*Industrial on

Industrial off

*QR on

QR off

*DataMatrix on

DataMatrix off

*PDF417 on

PDF417 off

all bar codes on

all bar codes off

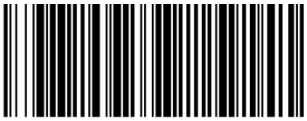
all QR codes on

all QR codes off

Code attribute configuration

Codabar:

Don't transmit Start/Stop chars



Transmit Start/Stop chars

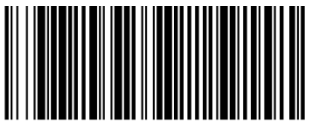
No check

Check and Transmit

Check but Don't Transmit

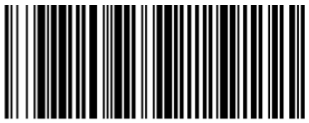
Code39:

Don't transmit Start/Stop chars

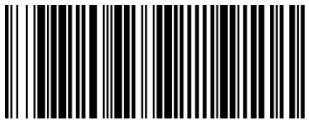


Transmit Start/Stop chars

No check



Check and Transmit



Check but Don't Transmit

Interleaved 2 of 5:

No check

Check and Transmit

Check but Don't Transmit

Matrix 2 of 5:

No check

Check and Transmit

Check but Don't Transmit

Appendix

Code ID table

Barcode type	Code ID
Codabar	a
Code 128	j
Code 39Code 32	b
Code 93	i
Data Matrix	w
Interleaved 2 of 5	e
PDF417	r
QR	s
UPC-A	c
UPC-E	E
UPC-E1	E
UPC-E8	D
UPC-E13	d
Matrix 2 of 5	m
industrial 2 of 5	f