NO.S2DCM300VO

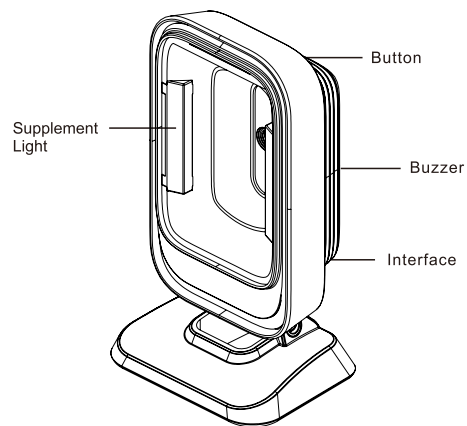# 2D Barcode Scanner User Manual

The following is general setup of this barcode scanner, please contact local distributor for more technical support.

I. Structure Chart:

Button: Trigger Button

- Button
- Supplement Light
- Buzzer
- Interface

II. Product Features:

(1) New and more powerful decoding chip
(2) Advanced decoding technology, support E-payment like Wechat ,Alipay etc
(3) Plug and Play, easy to use
(4) Fast and accurate barcode read, error rate as low as 1/5million
(5) Long product life cycle

III. Technical Parameters:

Barcode Scanner:	
Data Item	Parameter
Light Source	630nm LED Lighting Red Light
Decoding Capability	1D: Code128, UCC/EAN-128, AIM-128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Codabar, Matrix 2 of 5, Industrial 25,Standard 25,MSI-Plessey,Code 39,Code 93,Code 11,Plessey,GS1-DataBarTM(RSS)(RSS-14, RSS-Limited, RSS-Expand). 2D: PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, 050, ECC000, 080, 100, 140), Chinese Xin code.
Resolution	≥4mil
Optical System	640pixels(H)*480pixel(V)
Scan Mode	Auto-inductive Scanning
Scan Angle	Horizontal: 46.1°, Vertical: 30.4°
Interface	USB-HID,USB-COM,RS232
Standard Cable	2m
Material	ABS+PC
Working Current	150mA
Working Voltage	DC5V±1%
Shock Resistance	Withstand multiple 1.5m drops to concrete
Operating Temperature	0℃ -50℃
Storage Temperature	-40℃ -70℃

Factory Default

Start Setting

Setup steps are as follows:

    1.Scan the barcode of "Start Setting"
    ⇩
    2.Scanning required setting barcode
    ⇩
    3.Scan the barcode of "End Setting"

e.g. Add suffix "CR": scan "Start Settings" barcode, "CR"barcode and"End Setting"barcode of suffix enter setting in turn.

1.Start Setting

2.CR

3.End Setting

Interface

USB-HID(Default)

End Setting

Start Setting

USB-COM

RS232

Interface specification:
1.USB-HID Mode: Factory default is USB mode，no need driver;
2. RS232: Need to match special serial port cable, and receiving software to use at serial port (Serial port Default Setting: Baud Rate: 9600、Data Bit: 8 bits、Stop Bit: 1 bit、Check Bit: None);
3. USB-COM: special driver should be installed.

Keyboard Language

USA(Default)

French

Germany

End Setting

Start Setting

Buzzer

On

Off

Baud rate

4800

9600

57600

115200

Note:Baud Rate must be same between barcode scanner and serial port APP.Eg:Barcode Scanner default Baud Rate is 9600,the APP must choose same Baud Rate 9600

End Setting

Start Setting

Symbology configuration

Enable all 1D barcodes

Disable all 1D barcodes

Enable all 2D barcodes

Disable all 2D barcodes

Enable UPCA to EAN13

Disable UPCA to EAN13

End Setting

Start Setting

Enable PDF 417

Disable PDF 417(default)

Enable Data Matrix

Disable Data Matrix(default)

Case Setting

All Lowercase

All Uppercase

End Setting

Start Setting

Keyboard Case Normal Output

Transmission Speed

No Delay

Delay 20 ms

Delay 40 ms

Suffix Setting

CR

End Setting

Start Setting

CR & LF

VI. Structure Chart:

If the barcode scanner is not working properly,please try to check as follow instructions
(1) Check the cable to make sure it is the original cable and connect to host properly
(2) Check the barcodes required to read,it is possible not to read wrinkled,defaced,poor printed etc barcodes
(3) Check the barcode type,make sure the barcode scanner
support it and already enabled
For more info,please contact distributor for technical support

V. Cartions:

(1) Reading window must be kept clean,the supplier is exempt from warranty liability for damage caused by improper maintenance and use
(2) Avoid the reading window to be abraded or scratched by hard and rough objects
(3) Avoid liquid spilling to the reading window
(4) Do not stare into beam when the led light on

End Setting