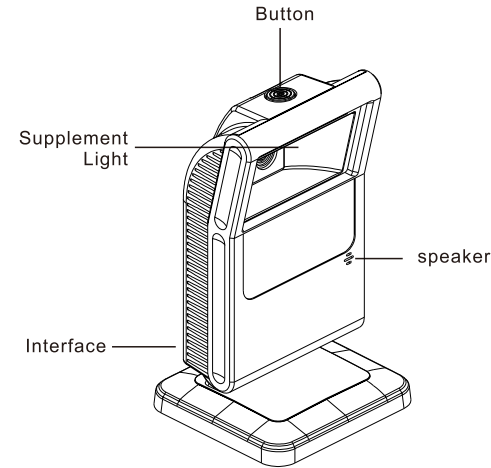


2D Barcode Scanner User Manual

Structure Chart:

- 1.Supplement Light: When there is no code reading operation, the device will sleep automatically after 15s and the light will be dimmed
- 2.Button: Enable/Disable to read 2D barcode.



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

Technical Parameters

Barcode Scanner	
Data Item	Parameter
Light Source	Red LED (lighting) color, temperature 650nm LED

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

Decoding Capability	1D: UPC,EAN,Code 39 (with full ASCII),Codabar, Code 128,Code 93,Code 11,Interleaved 2 of 5, Industrial 2of 5,Matrix 2of 5,MSI Plessey, Gs1 DataBar ,etc 2D: PDF417,Data Matrix,QR Code,etc
Resolution	≥4mil
Scan Rate	60 fps
CPU	32bit MIPS @1G Hz
Scan Mode	Continuous/Auto-inductive Scanning
Scan Angle	Scan Angle: Skew 360° Pitch ±65° Roll ±60°
Interface	USB-HID,USB-COM,RS232
Standard Cable	2M
Material	ABS+PC
Working Current	200mA
Working Voltage	5V±5%
Shock Resistance	Withstand multiple 1.5m drops to concrete
Operating Temperature	0°C - 50°C
Storage Temperature	-40°C- 70°C

Basic Configuration



Factory Default



Version

Suffix setting



CR & LF



CR (default)

Interface Mode



USB-HID(default)



USB-COM



RS232

Interface Notes :

- (1) USB-HID Mode: Factory default mode ,automatically identify and install driver;
- (2) RS232 Mode:Require special customized RS232 cable and designated serial port APP(Default parameters :Baud Rate 9600 Data Bit:8bits Stop Bit : 1bit Check Bit :None);
- (3) USB-COM ,Required to install special driver (Claim it from distributor).

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

Keyboard language



USA (default)



French



Germany

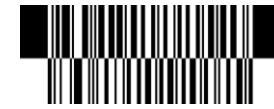


Italian

Inverted Barcode Setting



Read normal barcode only (default)



Read normal & Inverted barcode

Symbology configuration



Enable all 1D barcodes



Disable all 1D barcodes



Enable all 2D barcodes



Disable all 2D barcodes



Enable UPC-A to EAN-13



Disable UPC-A to EAN-13 (default)



Enable UPC-E to UPC-A



Disable UPC-E to UPC-A (default)



Enable EAN13 to ISBN code



Disable EAN13 to ISBN code (default)



Enable EAN13 2-digit extra-code



Disable EAN13 2-digit extra-code



Enable EAN13 5-digit extra-code



Disable EAN13 5-digit extra-code

Transmission Speed



No Delay



Delay 20 ms



Delay 40 ms

Case Setting



Keyboard Case Normal Output



All Lowercase



All Uppercase

Trouble shooting:

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

Cautions:

- (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