

Barcode Scanner User Manual

V3.10



Specification

Electrical parameter : 5/3.3 V \pm 10% \times 100mA (idle: 10mA)

Scanning type : bi-directional

CPU: ARM 32-bit Cortex

Light source : 650 nm visual laser diode

Trigger Mode: handheld, Continuous, Auto-Induction

Auto -Induction interval time: 0.3S

Handheld/ Auto-Induction switching time: 6S

Indication: Buzzer & LED; Printing Contract : >25%

Resolution : 3.3mil; Decoding speed: 220scans/sec

Bit error rate :1/5million ,1/20million ; Scanning width : 30cm

Depth of Field	3.3mil	2mm-100mm
	10mil	2mm-350mm
	15.6mil	5mm-600mm
	35mil	10mm-1000mm

Scanning angle: rotor angel \pm 30°, inclination \pm 45°, declination \pm 60°

Anti inference: industrial lighting or sun will not make any difference

Decoding Capability: UPC/EAN、Code128、Code39、Code 39Full ASCII、

Coda bar、 industrial /Interleaved 2 of 5、Code93、MSI、Code11、

ISBN、ISSN、China post、 etc

Button life : 500,0000 times ; laser life: 12000 hours

Drop test : 1.5m fall to concrete

Interface : TTL、RS232、KBW、USB

Certificate : CE, FCC, RoHS, IP54

Scanner common problems and solutions

* The bar codes in the user manual are for programming, please don't scan them arbitrarily when no need, otherwise may affect the normal use of the product.

* Please try to scan "Restore defaults" bar code in the user manual for a try if the scanner cannot use normally; if problem still not resolve, please try following methods.

Problem 1:

the scanner doesn't have electricity to start on.

Reason:

1, the cable interface loosed, please fixed connection interface.

2, the computer front USB port power supply shortage, please replace the computer interface or change another to try.

3, used the incorrect cables, please use the original cable which the factory is equipped with.

4, cable fault, please send back to the factory repair.

Problem 2:

the scanner has laser, but can't read the barcode.

Reason:

1, barcode has flawed, and try to scan the same type barcodes for testing again.

2, the scanning mode is not correct, scanning laser need to completely cover the barcode, if still can't read, please adjust the scanning distance and Angle, the scanner can't read the barcode at 90 ° angle.

3, the scanner did not open the corresponding code system, it has to scan the barcode after open the corresponding code system.

Problem 3:

the scanner has laser and it can read barcode, but can't upload the data.

Reason:

1, The scanner has set up the incorrect output mode, please set the correct output mode refer to the manual.

2, the cable transmission failure, please replace the cable.

Problem 4:

the scanner has laser and it can read barcode, but it uploads the wrong decoding barcode.

Reason: the keyboard layout of the scanner is different with the country you used, please use the scanner to read the keyboard settings on the manual.

*** Please contact the seller if these methods still don't solve your problem, thank you.**

Bar code Setup

Scanning setting code described function can be realized



Restore defaults



Low tone



KB/USB(default)



High tone



UART 9600, NO, 8, 1



Volume 1



Continuous Mode



Volume 2



Key Trigger



volume3



Key Delay



volume4



Closed voice



Bit error rate 1/20million

Data Edit Setting



Bit error rate 1/5million



CR



OFF ID



Skip



Add ID front



Tab



Add ID back



CR+Skip



Close UPC/EAN extra code



ADD STX FRONT



UPC/EAN ADD 2Extra code



ADD ETX BACK



UPC/EAN ADD 2/5Extra code



Disable suffix

Language



UNITED STATES



LATIN AMERICA



FRANCE



BELGIUM



GERMANY



NETHERLANDS



BRAZIL



HUNGARY



SPAIN



DENMARK



ITALY



UNITED KINGDOM



SWEDEN



UNIVERSAL

RS232 Setup Recommendation

- 1.Scan the RS232 setup
- 2.Default:baud rate 9600、 data bit 8、 stop bit 1 、 no parity bit
- 3.To use RS232 mode , the RS232 cable is needed to connect to the DB9 port of the device with the power



Baud Rate 9600



Data bit 7



Baud Rate 14400



Stop bit 1



Baud Rate 19200



Stop bit 2



Baud Rate 57600



No parity check



Baud Rate 115200



Odd parity check



Data bit 8



Even parity check