BS9100E
Barcode Scanner

i Ball

User Manual

Thank you for choosing **BS9100E Barcode Scanner.** Please read the user manual carefully before operation and save this user manual for further reference.

Caution :

- Reading window must be kept clean.
- Avoid the reading window to be abraded or scratched by hard and rough objects.
- Avoid liquid spilling to the reading window.
- Do not stare into beam when the led light on.
- *Avoid self-disassembly of the Barcode Scanner, Kindly approach our service team with reference to the following link for service support:*

Warranty Policy

Features :

- 2D Quick Scan
- Dual Scan (Trigger / Auto)
- Smart Buzzer Control
- Omnidirectional Barcode Scanning
- USB Interface
- LED Indicator
- Multi - OS Compatible

Specification :

Device Type	: Desktop
Connectivity	: USB
Barcode Dimension Support	: 1D/2D
Indicators	: Buzzer, LED
Scan Rate	: 2M/S
Scan Angle	
Rotation	: 360°
Yaw	: ± 60°
Pitch	: ± 60°
Print Contrast Ratio	: ≥20%
Resolution	: ≥4mil
Light Source	: 617nm LASER
Input Voltage	: DC 5V
Housing Material	: ABS+PC
OS Compatibility	: Windows 10, Linux, Mac
Cable Length	: 2m

Product Dimension	: 6.5 x 8.6 x 16.5 cm
	(W x D x H)
Net.Weight	: 120g

Package Contents :

Scanner	: 1 U
QR Code Guide	: 1 U
Input Cable	: 1 U

Read Mode :

The barcode scanner will always remain in Auto Scanning mode. Whenever a manual scan is required, press the top button once for each barcode you scan. After you finish manual scanning, the scanner will automatically return to Auto Scanning mode within a few seconds.

Version

Factory Default

Interface Mode :

USB(Default)

RS232

USB.COM

Interface description:

1. USB mode: The factory default setting is USB mode. no driver required.

2. Serial port mode: A dedicated serial port cable is required, and it is used in the serial port receiving software (serial port default settings: baud rate: 9600, data bit: 8 bits, stop bit: 1 bit, check bit: none). Virtual serial port: A dedicated driver needs to be installed.

Suffix Setting :

CR(Default)

None

Baud Rate :

4800

9600(Default)

57600

115200

Note:

When the serial communication baud rate parameters are inconsistent with the host serial port software, they can be modified through the setup code.

Keyboard Language :

USA(default)

French

Italy

British

1D Inverted Barcode Setting :

Disable(Default)

Enable

2D Inverted Barcode Setting :

Disable(Default)

Enable

Buzzer :

Low

Medium

High

Symbology Configuration :

Enable all Barcodes

Enable the default barcode recognition

UPC-A to EAN-13 :

Disable(Defualt)

Enable

Interleaved 2 of 5 :

Disable(Defualt)

Enable

EAN13 to ISBN :

Disable(Defualt)

Enable

Delay Interval :

300ms

600ms

ASCII Enable

ASCII Disable

Trouble Shooting :

If the scanner does not work properly, please do the following checks first:

• Check whether the data cable is correctly connected to the host, including whether the data cable is firmly connected and whether the original data cable is used.

• Check whether the barcode label is of good quality. The scanner may not be able to read wrinkled or stained barcode labels.

• Check whether the barcode type read by the scanner is turned on. If the barcode type is not turned on, please turn on the reading of the barcode of that type first; if the scanner still does not work properly, please contact your scanner technical support.