

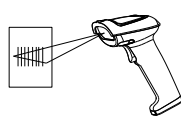
# 1D barcode scanner user manual



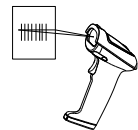
Version

## Correct usage of barcode scanner:

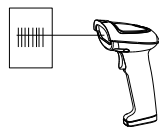
- (1) Make sure barcode scanner, cable ,host device connect properly;
- (2) Press trigger button and the red linear line appears , and move the linear line to cover barcodes completely , adjust barcode scanner's distance and angle to figure out best reading status;
- (3) Do not scan the setting barcodes in the manual without instruction ,it may cause barcode scanner not work properly;
- (4) Avoid 90 degree to read barcodes.



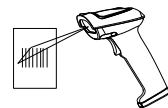
Correct Reading



Correct Reading

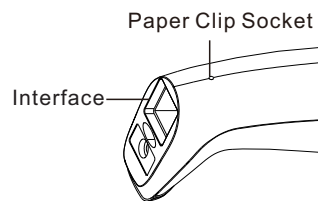


Incorrect Reading

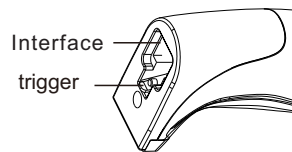


Incorrect Reading

## Structure chart:



Insert paper clip into the socket and press to remove device cable



Press trigger to remove device cable

## Product features:

- (1) High speed decoding engine and support to read barcodes from mobile ,computer screen etc;
- (2) Fast reading speed upto 200 scans/s;
- (3) Easy to use ,plug and play .

## Specifications:

Barcode Scanner	
Data Item	Parameter
Decoding capability	UPC- A, UPC-E, EAN-13, EAN-8, Codabar, Code 39,Code 39 Full ASCII, China Post, Plessey, MSI, Code 93, Code 128, Industrial 2 of 5, Interleave 2 of 5,Matrix 2 of 5, Code 11, ISBN, ISSN, Code 32 (Italian pharm code), Code 39 extended, GS1-128 and I TF-14, SISAS, GS1Omnidirectional, GS1 Limited, Aviation25, RSS 14.
Minimum Element Resolution	≥4mil
Scan Type	1500Point ccdImage CMOS
Scan Speed	≥200 times/sec
Scan Mode	Manual scan / continuous scan / auto flashing
Scan Angle	Yaw65° ,Rotation30°,Pitch±55°
Scan Depth	20-280mm(0.33mm,PCS90%)
Interface	USB-HID,RS232
Error Rate	1/500million

Cable Length	2M
Material	ABS+PC
Working Current	120mA
Working Voltage	DC5V±1%
Shock Resistance	withstand multiple times 3 meters drops to concrete
Working Temperature	-20°C - 50°C
Storage Temperature	-40°C -70°C
Relative Humidity	5% - 95% RH ( Non-condensing)

## Basic configuration

Factory Default



Note:Factory Default interface mode is USB-HID

Eg: Add suffix "Enter"

Step 1 ,Scan "Factory Default"



Step 2,Scan suffix setting barcode "Enter"



## Interface



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)

## Scan Mode



Manual (default)



Continuous



Auto-flashing

## Buzzer



Off



On



Low



High

### Image Inverted



Direct



Reverse

### Keyboard language



USA(default)



UK



France



Germany



Italy



Japan



Canada



Russia

### Suffix Settings



CR(default)



CR&LF



None

### USB-COM, RS232 serial port baud rate setting



4800



9600



19200



38400



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

### Symbolgy configuration



Enable UPCA to EAN13



Disable UPCA to EAN13 (default)



Enable UPCE to UPCA



Disable UPCE to UPCA (default)



Enable EAN13 to ISBN



Disable EAN13 to ISBN (default)



Enable EAN13 to ISSN



Disable EAN13 to ISSN (default)



Enable 5-digit extra-code



Enable 2-digit extra-code



Disable the additional code (default)



Hide front 1 digit character



Hide front 2 digit character



Hide front 3 digit character



Hide last 1 digit character



Hide last 2 digit character



Hide last 3 digit character



Prefix F7 before all barcodes