

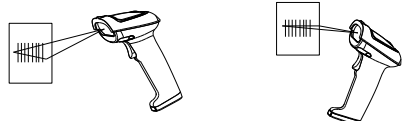
# 1D Barcode Scanner user manual



Version

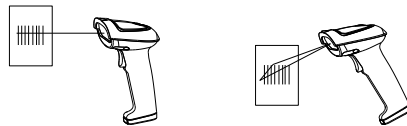
## Correct usage of barcode scanner:

- (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

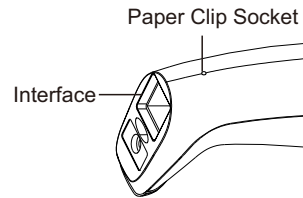
Correct Reading



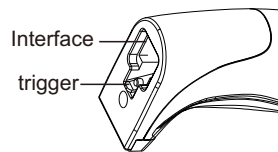
Incorrect Reading

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 270 scans/s;
- (3) Easy to use ,plug and play .

## Specifications:

Barcode Scanner	
Data Item	Parameter
Light Sources	617 nm LED red
Decoding capability	UPC- A, UPC- E, EAN-13, EAN-8, Codabar, Code39, Code39 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 ITF-14, SISAS,GS1Omnidirectional, GS1 Limited, Aviation25, RSS 14.
Minimum Element Resolution	4mil (0.1mm), optional 3mil
scanspeed	≥270 times/sec
ScanMode	Manual/continuous/auto flashing/Auto-sensing scan
Scan Angle	Yaw360°,Rotation30°,Pitch±55°
Scan Depth	20-330mm(0.33mm,PCS90%)
Interface	USB-HID,USB-COM,PS2,RS232
Error Rate	1/500million
Cable Length	2m
Material	ABS+PC
Working Current	150mA
Working Voltage	DC5V±1%
Shock Resistance	withstand multiple times 3 meters drops to concrete
Working Temperature	-20 - 50°C
Storage Temperature	-40°C- 70°C
Relative Humidity	5% - 95% RH ( Non-condensing)

## Basic configuration

### Factory Default



Eg: Add suffix "Enter "

### Step 1 ,Scan "Factory Default"



### Step 2,Scan suffix setting barcode "Enter"



## Interface



USB-HID (default)



USB-COM



PS2



RS232

## Interface :

- 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)
- 4,PS2 Mode :it need to reboot the device to activate barcode scanner ;

## Scan Mode



Manual(default)



continuous



Auto-flashing

## Auto-sense mode



Enable



Disable

## 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