

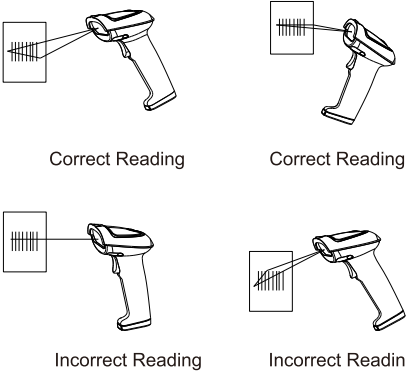
1D Laser Barcode Scanner User Manual



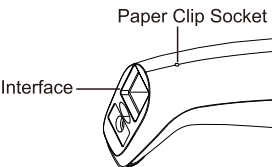
Version

Correct usage of barcode scanner :

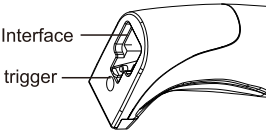
- (1) Make sure barcode scanner, cable ,host device connect properly ;
- (2) Press trigger button and the red laser line appears , and move the laser line to cover barcodes completely , adjust barcode scanner's distance and angle to figure out best reading status ;
- (3) Do not scan the setting barcodes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



Structure Chart :



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



Press trigger to remove device cable

Product feature :

- (1) Support to read 1D standard barcodes such as EAN13, industrial 2 of 5,UPC etc;
- (2) Fast and accurate reading ,max to 150scans/sec;
- (3) Eco and affordable item which with stable performance;
- (4) Plug and play ,easy to use.

Technical Parameter :

Barcode scanner	
Data Item	Performance Parameters
Light Sources	650nm(Safe visible laser diode)
Supported Symbolologies	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 ITF-14, SISAS, GS1 Omnidirectional, GS1 Limited, Aviation25, RSS 14.
Resolution	≥3mil
Scan Type	Single Laser
Scan Speed	≥150 times/s
Scan Mode	Manual/Continuous/Automatic scanning
Scan Mode	Yaw 65°,Rotation 30°,Pitch 55°
Depth of scan field	10-280mm(0.33mm,PCS90%)
Interface	USB-HID,USB-COM,PS2,RS232
Error Rate	Less than 1/5 million
Cable Length	2M
Material	ABS+PC
Current	85mA
Voltage	DC5V±1%
Drop/Shock Resistance	With stands multiple times 3 meters drops to concrete
Operating Temperature	-20℃ - 50℃
Storage Temperature	-40℃- 70℃
Relative Humidity	5% - 95% RH(Non-condensing)

Basic configuration

Factory Default



Note :Factory Default interface is USB-HID

Setup instruction

Eg :add suffix “CR”

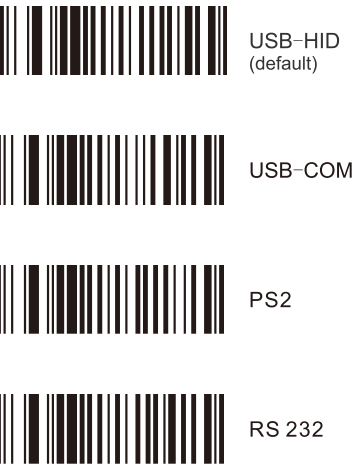
Step 1:Scan “ Factory Default”



Step 2: Scan “CR”



Interface



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);
(4) PS2 Mode :It need to reboot the device to activate barcode scanner.

Scan mode



Auto-sense mode



Buzzer



ON Low High Image Inverted Direct Reverse Keyboard language USA (default) British France	Germany Italy Japan Canada Russia Suffix setting CR (default) CR & LF None	Baud rate 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 Symbology configuration Enable UPCA to EAN13 Disable UPCA to EAN13 (default)	Enable UPCE to UPCA Disable UPCE to UPCA (default) Enable EAN13 to ISBN Disable EAN 13 to ISBN (default) Enable EAN13 to ISSN Disable EAN 13 to ISSN (default) Enable the 5-bit additional code Enable the 2-bit additional 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
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