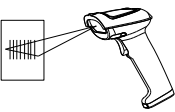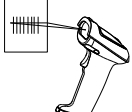NO.S1CDCZ70GV0

1D Barcode Scanner
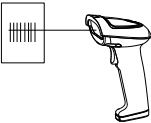# user manual

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;
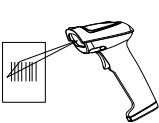(4) Avoid 90 degree to read barcodes.
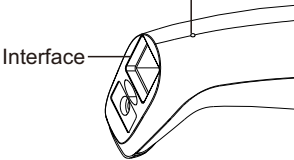

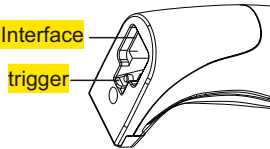Correct Reading   Correct Reading

Incorrect Reading   Incorrect Reading

Structure chart:

Paper Clip Socket

Interface

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

Interface

trigger

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℃
Storage Temperature	-40℃- 70℃
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