Guangzhou Winson information technology Co.,Ltd

WNC-6080

1D CCD HANDHELD BARCODE SCANNER

Flexible configuration

Cutomized configuration with best performance

Diversity of interface

Support RS232,USB keyboard interface

Best value price

32bit CPU performance with only 8 bits CPU price

Ultra comfort design

Perfect human engineering design, ultra comfort with lifetime use

High performance CPU

Excellent performance in decoding and error correcting capacity

Deversified customized features

Great match for customer applications, greatly improve work efficiency

Complement checking code for barcode data and command

More secure for data and command transfer

Creative user defined barcode technology

User defined barcode binding with unique ID barcode scanner

Achieving one –to-many communications one PC/PLC host to many barcode scanners)

Good for applications as multiple barcode scanners linked to the same network

Application and solution

Clothing/Retail Chain/Warehouse/E-business/Finance & Insurance/Commercial Retail/Logistics Express/File Management

Basic produce specification

Communications
Interface : • RS232   • USB(Ver. 1.1 HID Keyboard)

Power
Power Consumption : 0.6W
Voltage : DC 5V
Operate current :   Max 120mA
                   Standby: 40mA

Barcode scanner optic
Image Sensor   : CCD
Light source :   632 nm red LED
Light Intensity: 265 LUX (130 mm)
Scan method :   bi-directional scanning
Decode Rate :   up to 300 scans/sec
Reading pitch angle : (pitch)-65 to 0°, 0 to +65°
                (skew)-30 to 0°, 0 to +30°
                (tilt)-60 to 0°, 0 to +60°
Min Resolution: 0.101mm/4mil@PCS=90%,Code 39
Precision : ≥5 mil
Depth of Scan field :   40mm-430mm
Print Contrast Signal : ≥30%

Physical
Dimension : 90.5 x 69.8 x 160 mm/3.56 x 2.75 x 6.30 in (d x w x h)
Weight : 120g/ 4.24 oz (excl. cable)

Environment
Temperature : -20° to 60℃ (Operation)
                    -40° to 85℃(storage)
Humidity : 5 - 95% (non-condensing)
Ambient Light Immunity : 10000 lx max
Drop test : 1.2m/4ft droped onto concrete surface
Service life : 30,000 hours, in lasing diode is 10,000 hours, Mirror scanning components is 10,000 hours

Regulatory and Safety
Product Compliance :   CE EMC Class B
Enclose items: Cables, 5V DC power supply(for RS232)

Decode capability
Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN/ISSN, Code 93, UCC/EAN-128, GS1 Databar etc.

Depth of field
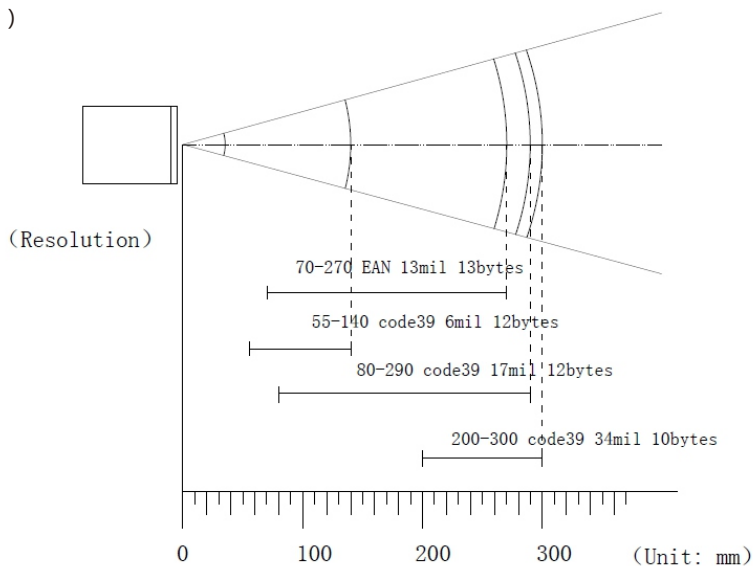Code 39
55 - 315 mm (10 mil)
40 - 430 mm (15 mil)
EAN-13
65 - 250 mm (10 mil)
95 - 310 mm (15 mil)
Code 128
60 - 280 mm (10 mil)
40 - 430 mm (15 mil)

(Resolution)

70-270 EAN 13mil 13bytes

55-140 code39 6mil 12bytes

80-290 code39 17mil 12bytes

200-300 code39 34mil 10bytes

0   100   200   300   (Unit: mm)

Depth of field

Guangzhou Winson information technology co.,ltc

Website: www.winsonchina.com

TEL: +86-20-29161388#813;

+86-20-29161399#813

Fax: +86-20-29161377

E-mail: sales@winsonchina.com