



WNL-6000

1D Laser Handheld Barcode Scanner

Flexible configuration

Customized configuration with best performance

Diversity of interface

Support RS232, USB

Best value price

High 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

Diversified 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

Application and Solution

Clothing, retail chain store, warehouse management, e-business, commercial retail, logistics express and file management, etc



Basic Product Specifications

Operating indicators

Visual : 1 LED (Blue)

Non-visual: Buzzer

Communications

Communication : USB , RS232

Power

Voltage requirement : 5V± 10%

Current consumption : 85mA (typical use),max.150mA

Barcode scanner Optics

Light source : 650nm visible laser diode

Scan method : Bi-directional scanning

Scan rate : 100scans/sec

Trigger mode : Manual, multiple read, continuous read, auto-trigger, serial software trigger

Reading pitch angle : (pitch)-50 to 0°, 0 to +50°

(skew)-65 to 0°, 0 to +65°

(tilt)-35 to 0°, 0 to +35°

Curvature : R>15 mm (EAN8) , R>20 mm (EAN13)

Min. resolution : PCS 0.9: 0.101 mm / 4 mil, Min. PCS value: 0.35

Physical

Dimensions : 90.5 x 69.8 x 160 mm

3.56 x 2.75 x 6.30 in (d x w x h)

Weight body : 146g/ 5.15 oz (excl. cable)

Case : PC, Black or Grey

Durability

Temperature : -20°to 65°C / -4°to 149°F(operation)

-30°to 70°C /-22°to 158°F(storage)

Humidity : 20 - 85% (operation), 20 - 90% (storage)

Ambient light immunity : Fluorescent 3000 lx max, Direct sun 50,000 lx max,

Incandescent 3000 lx max

Drop test : 1.5m/5ft drop onto concrete surface

Protection rate : IP 54

Regulatory & Safety

Product compliance : IEC 60825, UL 60950, EN/IEC 60950, FCC Part 15 Class

B, EN 55024/CISPR 22, AS 3548, VCCI, RoHS Compliant, GB7247.1-2001

Enclosed items : Cable(USB), User Guide



Supported Symbolgies

Barcode(1D)

EAN13 , EAN8 , UPC-A , UPCE , CODABAR(NW-7) ,

CODE39 , CODE93

INTERLEAVED_2OF5 , STANDARD_2OF5 ,

MATRIX_2OF5 , CODE128 , EAN128(GS1-128) ,

CODE11 , CHINESE_POST

PCS 0.9 Code 39

70 - 650 mm / 2.76 - 25.59 in (1.0 mm / 39 mil),

50 - 420 mm / 1.97 - 16.54 in (0.5 mm / 20 mil),

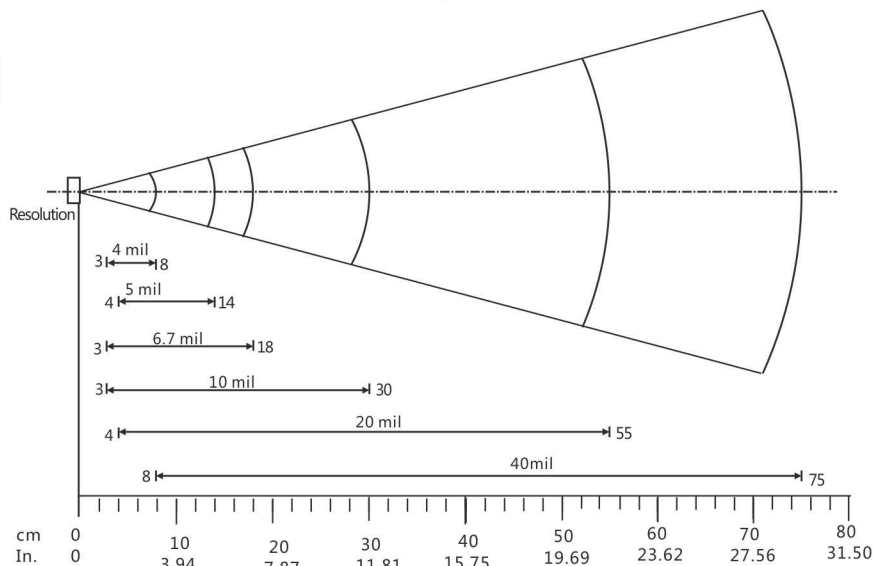
50 - 260 mm / 1.97 - 10.24 in (0.25 mm / 10 mil),

50 - 150 mm / 1.97 - 5.91 in (0.15 mm / 6 mil),

60- 120 mm / 2.36 - 4.72 in (0.127 mm / 5 mil)

50- 110 mm / 1.97 - 4.33 in (0.101 mm / 4 mil)

Depth of field



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