

**NCTS-LB12**

(1D CCD Wire Handheld Barcode Scanner)

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| **Technical Parameters** | |
| **Electrical Characteristics** | |
| Interface | RS232/USB HID KEYBOARD/USB VCP |
| Voltage requirement | DC5V±10% |
| Current consumption | Max :138mA |
| **Optical Characteristics** | |
| Photo sensor | CCD linear sensor |
| Sensor Resolution | 2500Pix |
| Light source | 632nm red LED |
| **Performance Characteristics** | |
| Scan Rate: | 350±50 (scans/second) |
| Decode angle | Pitch angle：±70°  Skew angle：±85°  Tilt angle：±45° |
| Min resolution | 0.101mm/4mil（PCS 0.9） |
| Min.PCS value | 〉25%UPC/EAN 13（13mil） |
| Curvature | R≥15 mm (EAN8)，R≥20 mm (EAN13) （resolution=0.26mm，PCS=0.9） |
| Language | Multiple languages |
| Error rate | 1/500W |
| Identification | EAN-13, EAN-8, UPC-A, UPC-E, ISSN,  ISBN, Codabar, Code 128, Code 93, ITF-6,  ITF-14, Interleaved 2 of 5, Industrial 2 of 5,  Standard 2 of 5, Matrix 2 of 5, GS1 Databar,  Code 39, Code 11, MSI-Plessey, Plessey |
| **Physical Characteristics** | |
| Dimensions | 70mm×95mm×168mm（L x W x H） |
| Weight | 175g |
| **Environmental Characteristics** | |
| Temp | -20°-65°C / -4°to 149°F(operation)  -30°- 70°C /-22°to 158°F(storage) |
| Humidity | 5 - 90% (operation) ) 5 - 90% (storage) |
| Ambient Light: | fluorescent light 4000 lx max , direct sun light 80,000 lx max ,white light 4000 lx max |
| Shock drop test | 2m drop onto concrete surface |

**Depth of field**

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| Symbology | Resolution  mm(mil) | Depths of Field | Digits |
| Code 39 | 20mil | 5-60cm | 4 |
| Code 128 | 5mil | 4-13cm | 12 |
| Code 39 | 6.67mil | 3-15cm | 16 |
| Code 128 | 15mil | 3-50cm | 7 |
| Code 128 | 20mil | 5-50m | 8 |
| EAN 13 | 13.34mil | 2-40m | 13 |