

NCTS-LB1

(1D Laser Wired Hand held Barcode Scanner)

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| Technical Parameters |
| Electrical Characteristics |
| Interface | USB HID KEYBOARD/USB VCP/RS-232 |
| Voltage requirement | DC 5V±10% |
| Current consumption | Max:120mA |
| Optical Characteristics |
| Light source | 650nm visible laser diode |
| Performance Characteristics |
| Operating mode | single readmultiple readContinuous read |
| Scan Rate: | 100 scans/second± 20 scans/second |
| Decode angle | Pitch angle: ±30°Skew angle: ±60°Tilt angle:±40° |
| curvature | R≥15 mm (EAN8)，R≥20 mm (EAN13)（resolution=0.26mm，PCS=0.9） |
| Min resolution | SR：0.127/5mil（PCS 0.9） |
| Min .PCS value | 〉30%UPC/EAN 13（13mil） |
| error rate | 1／500W |
| Language | multiple languages |
| Identification | EAN13，EAN8，UPC A，UPC E，CODABAR（NW-7），CODE 39，CODE 93，INTERLEAVED 2OF5，STANDARD 2OF5，MATRIX 2OF5，CODE 128，EAN/UCC 128，CODE 11，CHINESE POST |
| Physical Characteristics |
| Dimensions | 97 mm x 67 mm x165mm (L\*W\*H) |
| Weight | 178.9g |
| 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 | 1.5m drop onto concrete surface |
| MBTF | 30,000 hours except laser diode (10.000 hours) and except mirror scan unit (10,000 hours) |
| Regulatory |
| Laser Safety | JIS-C-6802 Class 2 |
| Electrical Safety | UL 60950，EN/IEC 60950 |
| EMI/RFI | FCC Part 15 Class B,EN 55024/CISPR 22 |
| Environmental | RoHS |

**Depth of field**



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| Symbology | Resolution（mm） | Depth of field（mm） |
| Code 39 | 4mil | 3-7cm |
| Code 39 | 6mil | 3-14cm |
| Code 39 | 10mil | 13-20cm |
| Code 39 | 12mil | 17-30cm |
| EAN 13 | 13mil | 1-30cm |
| Code 39 | 20mil | 15-70cm |