

NCTS-LB4W

(1D CCD RF433 Wireless Hand held Bar code Scanner)

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| Technical Parameters |
| Wireless Specifications |
| Communications | 433 |
| Communication frequency | 433-440MHz |
| Transmission range | ≤100M（In empty area 100M ） |
| Data rate | 10kbps |
| Memory | 100，000@13Byte barcode |
| Battery capacity | 2000mAh (Lithium battery) |
| Charging time | 6H |
| The life time of the full charge | 6h（continuous reading situation）12h（Manual reading situation）More than 15 days（Stand-by time） |
| Communication mode | Read-time mode/Inventory mode／Cache mode |
| Electrical Characteristics |
| Interface | RS-232/USB HID KEYBOARD/USB VCP/RS-485 |
| Voltage requirement | DC 5V±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(scan/second) 350±50 (scans/second) |
| Decode angle | Pitch angle:±30°Skew angle:±75°Tilt angle:±45° |
| Min resolution | 0.115mm／4.5mil（PCS 0.9） |
| Min.PCS value | 〉20%UPC/EAN 13（13mil） |
| 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 |
| Curvature | R≥15 mm (EAN8)，R≥20 mm (EAN13) （resolution=0.26mm，PCS=0.9） |
| Physical Characteristics |
| Dimensions | Scanner：70mm\*95mm\*168mm(L\*W\*H)Base：145mm\*112mm\*74mm(L\*W\*H)  |
| Weight | scanner：186gReceiver：188g |
| 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 |
| Regulatory |
| Electrical Safety | UL 60950，EN/IEC 60950 |
| EMI/RFI | FCC Part 15 Class B,EN 55024/CISPR 22 |
| Environmenta | RoHS |

**Depth Of File**



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| Symbology | Resolutionmm(mil) | Depths of Field | Digits |
| Code 39 | 0.101(4mil) | 4.5-10cm | 6 |
| Code 39 | 0.152(6mil) | 4-13cm | 12 |
| Code 39 | 0.30(12mil) | 20-28cm | 13 |
| Code 39 | 0.33(13mil) | 7.5-31.5cm | 12 |
| EAN 13 | 0.33(13mil) | 5-27cm | 13 |
| Code 39 | 0.86(34mil) | 19-70cm | 10 |