

**NCTS-LB11**

**Version:1.1**

1D Barcode CCD Image Scanner

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| **Technical Specifications** | | | | | | |
| **Electrical Characteristics** | | | | | | |
| Interface Supported | | RS-232/USB HID KEYBOARD/USB VCP | | | | |
| Input Voltage | | DC 5V±10% | | | | |
| Current | | Max:135mA | | | | |
| **Optical Characteristics** | | | | | | |
| Image Sensor | | CCD Linear Sensor | | | | |
| Sensor Resolution | | 1500pixels | | | | |
| Light Source | | 632nm Red LED | | | | |
| **Performance Characteristics** | | | | | | |
| Decoding rate: | | 350 scans/second±20 scans/second | | | | |
| Scanning Angle | | Pitch angle:±35°;Skew angle:±75°;Tilt angle:±40° | | | | |
| Min Resolution | | 0.127/5mil（PCS 0.9） | | | | |
| Min .PCS value | | 〉25%UPC/EAN 13（13mil） | | | | |
| Language | | Multiple Languages | | | | |
| Data Edition | | Support for custom data output | | | | |
| Decode Capability | | 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 | | 90mm\*67mm\*168mm(L\*W\*H) | | | | |
| Weight | | 130g | | | | |
| Indicator | | Beeper, LED | | | | |
| **Environmental Characteristics** | | | | | | |
| Temperature | | 0°∽50°C / 32°∽122°F(operation) /-10°∽60°C /14°∽140°F(storage) | | | | |
| Humidity | | 20 - 85% (operation) ) 20 - 90% (storage) | | | | |
| Shock Drop Test | | 1.5m drop onto concrete surface | | | | |
| **Decoding Depth of Field** | | | | | | |
| Symbology | Resolution | | Barcode number | Barcode width | Nearest | Farthest |
| Code 128 | 5mil | | 20 | 4.3x1.5cm | 9cm | 12cm |
| Code 128 | 15mil | | 7 | 4.3x1.5cm | 7.5cm | 20cm |
| Code 39 | 6.67mil | | 16 | 4.4x1.5cm | 8.5cm | 15.5cm |
| Code 39 | 20mil | | 4 | 4.3x1.5cm | 7cm | 21cm |
| EAN-13 | 13..34mil | | 13 | 4.2x1.5cm | 8cm | 17cm |