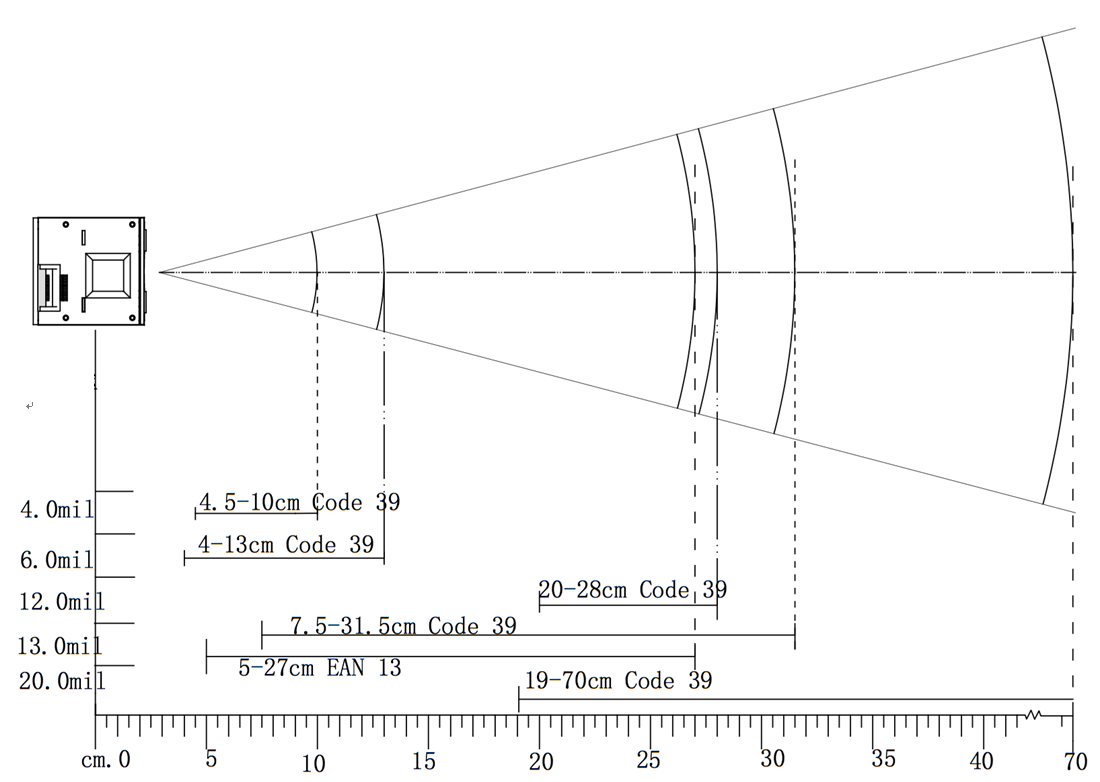


NCTS-LB13

(1D CCD Hand held Wired Barcode Scanner)

|  |  |  |
| --- | --- | --- |
| Technical Parameters | | |
| Electrical Characteristics | | |
| Interface | RS-232/USB HID KEYBOARD/USB VCP/RS-485 | |
| 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：±30°  Skew angle：：±75°  Tilt angle：±45° | |
| Min resolution | 0.115mm/4.5mil（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 | 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 | 70mm×95mm×168mm（L x W x H） | |
| Weight | 127.8g | |
| Environmental Characteristics | | |
| Temp | -20°-65°C / -4°至 149°F((operation) ) -30°- 70°C /-22°至 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 |
| Environment | | RoHS |

Depth of field



|  |  |  |  |
| --- | --- | --- | --- |
| Symbology | Resolution  mm(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 |