

**NCTS-NLO3**

Version:V1.1

2D Barcode Image Scanner

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| **Technical Specifications** |
| **Electrical Characteristics** |
| Interface Supported | USB HID KEYBOARD/USB VCP/RS-232 |
| Input Voltage | DC 5V±10% |
| Current | Max:200mA |
| **Optical Characteristics**  |
| Image Sensor | CMOS Array Sensor |
| Sensor Resolution | 1280 X 960 Pixels |
| Light Source | RED LED |
| **Performance Characteristics** |
| Scanning Angle | Pitch angle:±60°;Skew angle:±40°;Tilt angle:±180° |
| Field of View | 60°(H),40°(V) |
| Min Resolution | 1D：0.127mm/5mil（PCS 0.9）2D：0.254mm/10mil（PCS 0.9） |
| Min .PCS value | 〉20% UPC/EAN 13（13mil） |
| Language | Multiple Languages |
| Data Edition | Support for custom data output |
| Decode Capability | **1D :** Codebar，Code128,Code39,Code39,Code93,Code11,EAN13，EAN8，GS1-Databar，GS1-128（EAN-128），Interleaved 2 of 5，Matrix 2 of 5，Industry 2 of 5，UPC-A，UPC-E，ISBN，ISSN, Code 11, MSI **2D :** PDF417, Data Matrix, QR Code，Micro PDF417，Micro QR Code，Aztec Code |
| **Physical Characteristics** |
| Dimensions | 94mm\*100mm\*152mm(L\*W\*H) |
| Weight | 265g |
| 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 width | Nearest | Farthest |
| Code 39 | 6.67mil | 44mm\*15mm | - | 19cm |
| Code128 | 20mil | 62mm\*15mm | - | 40cm |
| EAN/UPC | 13.34mil | 42mm\*15mm | - | 29cm |
| QR | 20mil | 20mm\*20mm | - | 20cm |
| PDF417 | 6.67mil | 55mm\*19mm | - | 4cm |
| PDF417 | 13.34mil | 35mm\*15mm | - | 23cm |