

**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 |