

**NCTS-NLO2**

(2D CMOS Omni-Directional Barcode Scanner)

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| Technical Parameters | |
| Electrical Characteristics | | |
| Interface | USB HID KEYBOARD | |
| Voltage requirement | 5VDC±10% |
| Current consumption | Max:200mA |
| Optical Characteristics | |
| Photo sensor | CMOS array sensor |
| SENSOR RESOLUTION | 1280X800 pixels |
| Light source | Red LED |
| Performance Characteristics | |
| Min resolution | 1D:5mil（0.127mil）  2D:10mil(0.25mm) |
| Min.PCS value | 〉25%UPC/EAN 13（13mil） |
| Field of View | 39° (H) x 25° (V) |
| Identification | 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  2D：PDF417, Data Matrix, QR Code，Micro PDF417，Micro QR Code，Aztec Code..... |
| Physical \*Characteristics | |
| Dimensions | 95mm\*100mm\*158mm(L\*W\*H) |
| Weight | 296g |
| Environmental Characteristics | |
| Temp | 0° to 40°C / 32° to 104°F((operation) )  -40°-to 70°C /-40°to 158°F(storage) |
| Humidity | 5 - 90% (operation) ) 5 - 90% (storage) |
| Shock drop test | 1.2m drop onto concrete surface |
| Ambient Light: | fluorescent light 4000 lx max , direct sun light 80,000 lx max ,white light 4000 lx max |
| Regulatory | |
| Electrical Safety | UL 60950，EN/IEC 60950 |
| EMI/RFI | FCC Part 15 Class B,EN 55024/CISPR 22 |
| Environmental | RoHS |