

NCTS-NLO5

(2D CMOS Fix-mounted Barcode Scanner)

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| Technical Parameters |
| Electrical Characteristics |
| Interface | RS-232/USB HID KEYBOARD/USB VCP |
| Voltage requirement | 5VDC±10% |
| Current consumption | Max:280mA |
| Optical Characteristics |
| Photo sensor | CMOS array sensor |
| SENSOR RESOLUTION | 648X488 pixels |
| Light source | white LED\*1 |
| Aim light source | Red Bar led |
| Performance Characteristics |
| Decode angle | Pitch angle:±65°Skew angle:±60°Tilt angle:±180° |
| Min resolution | 1D:5mil(0.127) |
| Curvature | R≥15 mm (EAN8)，R≥20 mm (EAN13) （resolution=0.26mm，PCS=0.9） |
| Field of View | 34°(H),26°(V) |
| Identification | 1D：UPC/EAN,Code 128, Code 39, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Codabar, MSI，GS1 Databar2D：QR, PDF417，Data Matrix |
| Physical Characteristics |
| Dimensions | 68 mm x 48 mm x24mm(L\*W\*H) |
| Weight | USB/USB VCP：118gRS-232:147g |
| Environmental Characteristics |
| Temp | 0° to 40°C / 32°to 104°F((operation) ) -40°-to 70°C /-40°to 158°F(storage)orage) |
| 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 |
| Regulatory |
| Electrical Safety | UL 60950，EN/IEC 60950d ed. |
| EMI/RFI | FCC Part 15 Class B,EN 55024/CISPR 22 |
| Environmental | RoHS |

Depth of field

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| Symbology | Resolution(mm) | Depth of field |
| Code39 | 5.0 mil | 40mm--90mm |
| Code 39 | 15.0mil | 40mm—250mm |
| 100% UPCA | 15.0mil | 40mm--250mm |
| Code 93 | 10.0mil | 40mm--210mm |