

NCTS-NB2D2W

（2D CMOS Wireless RF433 Handheld Barcode Scanner）

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| Technical parameters | | |
| Wireless specifications | | |
| Communication | | 433 |
| Communication frequency | | 433 to 440MHz |
| Transmission range | | 100M（In empty area 80m-100m ）-real time mode  No limitation --Cache mode |
| Data rate | | 10kbps |
| Memory | | 100,000@13Byte barcode |
| Battery capacity | | 2000mAh (Lithium battery) |
| Charging time | | 6H |
| The life time of the full charge | | 6h（continuous reading situation）  12h（Manual reading situation）  More than 15 days（Stand-by time） |
| Communication mode | | Read-time mode/Inventory mode／Cache mode |
| Electrical Characteristics | | |
| Interface | USB HID KEYBOARD/USB VCP | |
| Voltage requirement | 5VDC±10% | |
| Current consumption | Max:120mA | |
| Optical Characteristics | | |
| Photo sensor | CMOS array sensor | |
| SENSOR RESOLUTION | 648×488 pixels | |
| Light source | 5600K white LED | |
| Aim light source | Red Bar led | |
| Performance Characteristics | | |
| Decode angle | Pitch angle:±55°  Skew angle:±55°  Tilt angle:±180° | |
| Min resolution | 1D:5mil  2D:9mil | |
| Min.PCS value | 〉30%UPC/EAN 13（13mil） | |
| Field of View | 40°(H),30°(V) | |
| Identification | 1D: UPC-A,UPC-E,EAN-8,EAN-13,Code 39,Code 128,Interleaved 2 of 5. Codabar, Code 93  2D: PDF417,MicroPDF417,Data Matrix,QR Code,Aztec | |
| Physical Characteristics | | |
| Dimension | Scanner：70mm\*95mm\*168mm(L\*W\*H) | |
| Environmental Characteristics | | |
| Temp | 0°to 50°C / 32°to 122°F((operation) ) -40°- 80°C /-40°to 176°F(storage) | |
| Humidity | 5 - 95% (operation) ) 5 - 95% (storage) | |
| Shock drop test | 1.5m drop onto concrete surface | |
| Ambient Light: | 0-86,000LUX | |
| Regulatory | | |
| Electrical Safety | UL 60950,EN/IEC 60950 | |
| EMI/RFI | FCC Part 15 Class B,EN 55024/CISPR 22 | |
| Environmental | RoHS | |

Depth of field

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| Symbology | Min depth of filed | Max depth of filed |
| 5mil code39 | 30mm | 80mm |
| UPCA 13mil: | 50mm | 210mm |