

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 modeNo 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:5mil2D: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 932D: 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 |