NCTS-NB2D1W
WIRELESS 1D/2D
Barcode Scanner

NCTS-NB2D1W

(2D CMOS Wireless 2.4G Handheld Barcode Scanner)

Product Details

NCTS barcode scanners are compatible with almost all common systems, as Windows, Android, Mac OS, IOS, Linux etc.

NCTS barcode scanners support multiple keyboard language: USA, Germany, French, Italy, Spanish, Turkey, Belgium, Brazil Czech and so on.

Support custom function: As add a prefix/suffix, delete the last 4 characters, interlaced upload data.

Support self-upgrade, as no limitation for Keyboard Cash.

Can be adjusted the working mode of barcode scanner on the basis of your needs, as continuous reading or single reading, scan the same barcode or not, delay the time to upload data or not.

NCTS barcode scanners apply to registry office of the airport/train station, hospitals, warehouses, supermarkets, retail stores, libraries, catering, logistics, express delivery, and others.

Support multi-barcodes, such as: EAN13, EAN8, UPC A, UPC E, CODABAR (NW7-), CODE 39, CODE 93, INTERLEAVED 2OF5, STANDARD 2OF5 MATRIX 2OF5, CODE 128, EAN/UCC 128, CODE 11, CHINESE POST.

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WIRELESS 1D/2D BARCODE SCANNER

Technical Specifications

MODEL: NCTS-NB2D1W

Wireless specifications	
Communications	2.4GHz
Communication frequency	2.402 to 2.480GHz
Transmission range	≤30M (In empty area 30M)
Data rate	1Mbps
Memory	100000@13Byte barcode
Battery capacity	1500mAh (Lithium battery)
Charging time	4.5H
The life time of the full charge	4h (continuous reading situation) 9.5h (Manual reading situation) More than 15 days (Stand-by time)
Communication mode	Read-time mode/Inventory mode
Electrical Characteristics	
Interface	USB HID KEYBOARD (Wireless receiver)
Voltage requirement	Max:120mA / Min：50mA
Optical Characteristics	
Photo sensor	CMOS array sensor
SENSOR RESOLUTION	648 X 488 Pixels
Light source	White LED
Aim light source	Aim light source
Performance Characteristics	
Decode angle	Pitch angle:±60°;Skew angle:±60°;Tilt angle:±180°
Min resolution	1D≥4mil / 2D≥10mil
Min.PCS value	〉15% UPC/EAN 13 (13mil)
Field of View	46°(H),35°(V)
Identification	1D：Codabar, Code128, Code11, Code32, Code39, Code93, Composite, EAN/UPC,EAN-8,EAN-13,GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar Omnidirectional, Hong Kong 2 of 5 (China Post)，Interleaved 2 of 5，Matrix 2 of 5，Pharmacode. RSS-14,RSS-LIMITED,RSS-EXPANDED,Industrial 2 of 5,Telepen,Trioptic Code, UPC-A,UPC-E 2D：Aztec Code, Codablock F, DOT_CODE, HANXIN, Maxicode, MicroPDF417, Micro QR Code, MSI, PDF417,QR Code, DataMatrix

Physical Characteristics	
Dimensions	Scanner：95mm×70mm×168mm (L x W x H) Receiver：83mm*18mm*13mm(L*W*H)
Weight	Scanner：186g / Receiver：16g
Environmental Characteristics	
Temp	0°-50℃ / 32°-122℉(operation) /-10°-60℃ /14°-140℉(storage)
Humidity	20 - 85% (operation)) 20 - 95% (storage)
Shock drop test	1.5m drop onto concrete surface
Ambient Light:	fluorescent light 4000 lx max , direct sun light 80,000 lx max ,white light 4000 lx max

Symbology	Resolution	Nearest	Farthest
Code 39	20mil	5.5cm	35cm
Code 128	15mil	6cm	31cm
EAN-13	13.34mil	6cm	25cm
QR code	20mil	4cm	21cm
PDF417	13.34mil	3cm	29cm

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