

# NCTS-NB2D2W

## WIRELESS 1D/2D Barcode Scanner

# NCTS-NB2D2W

(2D CMOS Wireless RF433 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.



# WIRELESS 1D/2D BARCODE SCANNER

## Technical Specifications

### MODEL: NCTS-NB2D2W

Wireless specifications		Physical Characteristics	
Communications	433	Dimensions	Scanner:70mm*95mm*168mm(L*W*H)
Communication frequency	433 to 440MHz	Environmental Characteristics	
Transmission range	100M (In empty area 80m-100m )-real time mode	Temp	0°to 50°C / 32°to 122°F((operation) ) -40°- 80°C /-40°to 176°F(storage)
	No limitation --Cache mode	Humidity	5 - 95% (operation) ) 5 - 95% (storage)
Data rate	10kbps	Shock drop test	1.5m drop onto concrete surface
Memory	100,000@13Byte barcode	Ambient Light:	0-86,000LUX
Battery capacity	2000mAh (Lithium battery)	Regulatory	
Charging time	6H	Electrical Safety	UL 60950,EN/IEC 60950
The life time of the full charge	6h (continuous reading situation) 12h (Manual reading situation) More than 15 days (Stand-by time)	EMI/RFI	FCC Part 15 Class B,EN 55024/CISPR 22
Communication mode	Read-time mode/Inventory mode	Environmental	RoHS
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	648x488 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≥4mil / 2D≥10mil		
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		

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