



## Overview:

Being one of the smallest and stand-alone RFID devices in the world, NephSystem N330 Bluetooth enabled HF (13.56MHz) handheld reader/writer provides an ideal combination of contactless 13.56MHz High Frequency RFID, wireless Bluetooth and wired USB interfaces. Its compact design and versatile features offers users the most versatile, flexible and convenient measurement capabilities.

N330's wireless communication and its ideal and versatile compatibilities with 13.56MHz RFID technology make measurement mobilized. It can be widely applied in many RFID application systems such as stock management, traceability system, personnel identification, access control and anti-counterfeit system, etc.

## Main Features:

- ❖ Compact design
- ❖ Versatile compatibility with most types of 13.56MHz High Frequency RFID protocols
- ❖ Wired (USB) and wireless Bluetooth connectivity
- ❖ Flexible scan modes, supporting automatic and Push Button scanning
- ❖ High capacity Li-Ion rechargeable battery
- ❖ Ready-to-use testing software for both of PC, PDA or Android applications
- ❖ Keyboard Emulation or Wedge capability allows to transfer data between the reader and the PC automatically without additional programming requirement
- ❖ Microsoft Windows and Windows CE Mobile, Android supported
- ❖ Advanced anti-collision algorithm and high identification rate
- ❖ Ultra low power consumption design, over 4 hours continuous tag reading operation and up to 6 days in standby mode



**NephSystem Technologies**

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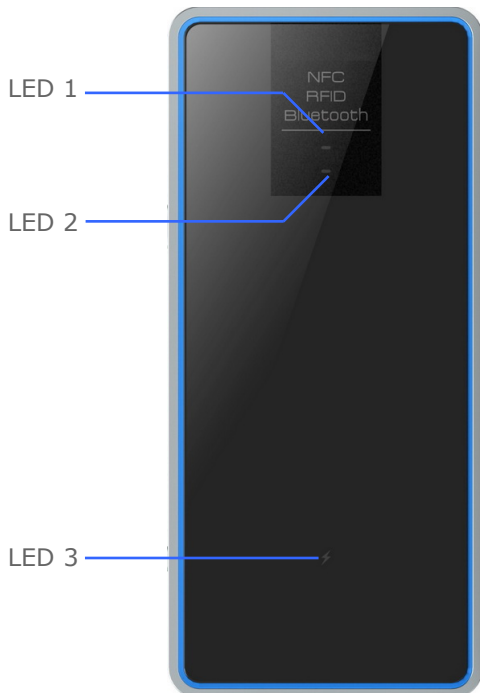
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## Specifications:

Frequency	:	13.56MHz
Reading Distance	:	6cm (Tags dependent)
Communication Interface	:	Wireless Bluetooth and USB
RFID Transponder Compatibility	:	ISO 15693, I-code SLI, ISO 18000-3, ISO 14443A/B/C, Mifare, Ultralight, INSIDE PicoTag™, Sony Felica, KSW VarioSens, NFC, TI, NXP, ST, INFINEON, FUJITSU, etc
Antenna Connection	:	Built-in
Bluetooth Transmission Distance	:	> 10 M
Reading Time per 32bits	:	< 30mS
Power Consumption	:	100mA@Working mode; <2mA@ idle mode
Operating Voltage	:	DC 5V
Bluetooth Standard	:	Bluetooth 2.0, Class Two
Communication Baud Rate	:	9600 bps
Additional communication Interface	:	Micro-USB
Humidity	:	5% to 90% relative
Operating Temperature	:	-10°C to 70°C
Storage Temperature	:	-20°C to 85°C
Dimension	:	110mm(L) x 50mm(W) x 5.5mm(H)
Weight	:	15g



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