



Overview:

NephSystem's N370 RF-Racket Bluetooth and USB interfaced RFID device is compliant with ISO 18000-6C/EPC 860MHz ~ 960 MHz UHF C1G2 protocol (Model: N370UHF) as well as 13.56MHz ISO15693 standard (Model: N370HF). It integrates Bluetooth 4.0 communication feature and is a perfect add-on device for any Bluetooth enabled host such as a PC, iPhone, iPad, Android smartphones, etc. Incorporating NephSystem's latest embedded RFID module, NephSystem's N370 has the minimum power requirements through its internal and high capacity battery with no other wired connection required.

The N370 can also operate in buffer mode, allowing to store tags data into its internal memory (up to 45,000 tags) when the communication links are not available and allowing users to upload data to a host later on.

With N370's Bluetooth HID version and pure Keyboard emulation feature (Model: N370 UHF-HID or N370 HF-HID), it allows users to immediately transfer tag data over to a Bluetooth device (iPhone, Android phone, etc.) without any additional drivers' installation or programming requirement.

And N370 also provides capability that allows users to develop their own software applications for full tag operations such as reading tag user memory, writing data onto tags, etc. (Model: N370 UHF-B or N370 HF-B).

N370's stylish and compact design offers users the most versatile, flexible and convenient measurement capabilities.

Main Features:

- ❖ All in one rugged design
- ❖ EPC C1-G2 ISO18000-6C
860MHz ~ 960MHz UHF compliant
13.56MHz ISO15693 I-code compliant
- ❖ Bluetooth 4.0 communication
- ❖ Battery powered
- ❖ Pure iPhone/iPad/Android smartphone compatibility
- ❖ Plug & Play keyboard emulation version (N370 UHF-HID or N370 HF-HID)
- ❖ Internal high capacity memory, stores up to 45,000 tag data



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NephSystem N370 RF-Racket RFID Reader Writer



Specifications:

Frequency Range	860 to 960MHz (ETSI or FCC part 15) - Model. N370 UHF; 13.56MHz, ISO18000-3 – Model. N370 HF;
Antenna	Integrated
RFID Transponder Compatibility	EPC Gen 2 UHF RFID – Model. Model. N370 UHF; 13.56MHz ISO15693 - Model. N370 HF;
Connectivity	Bluetooth 4.0 and USB
Human Interface Device (HID) profile available	For Model. N370 UHF-HID or N370 HF-HID
Reading Distance	Up to 4 meters (12 feet) for N370 UHF; Up to 40cm for N370 HF;
Reader Indicators	LED and Buzzer
Operating Temperature	-20 degrees to 65 degrees
Storage Temperature	-25 degrees to 85 degrees
Dimension	50 x 13.5 x 3.5 cm
Weight	370g



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