



IDBlue™

Pre-Series document



The first Bluetooth®-enabled RFID 13,56 MHz handheld Reader.

- **Bluetooth Freedom & Flexibility**
- **Can read & write**
- **Ergonomic form factor**
- **Sound beeps for successful reading**

Reading distance: 0 to 4 cm

IDBlue™ is a powerful tool that allows you to:

- Harness the power of RFID technology
- Replace bulky and cumbersome RFID readers with a lightweight & ergonomic solution!
- Wirelessly transmit and receive information to any Bluetooth enabled device such as: PDA, Tablet PC, Desktop/Laptop.
- Capture important information and store thousand of tags ids on the IDBlue to be uploaded later.

Applications:

- Maintenance Management
- Asset identification & Tracking
- Inventory Management
- Document Management
- Cargo / Delivery tracking
- Supplies replenishment
- Telecommunications
- System administration
- Healthcare
- More ...



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About Baracoda

Baracoda is the world's first and only manufacturer offering a full range of Bluetooth barcode scanners. Baracoda's field-proven wireless and barcode scanning solutions provide its customers and partners with efficient tools that are innovative, reliable and convenient to use, simplifying integration for a quick Return On Investment.



IDBlueTM

BLUETOOTH

Bluetooth qualified (pending).
Range: 15 m
Operating frequency: 2.4 GHz - 2.48 GHz

RFID

Operating Frequency 13,56 MHz
Current Protocols ISO 15693-2, -3, Tag-itTM HF/HFI, Philips I-Code SLI
Future Protocols ISO 14443-A
Range 0 - 4 cm

PROCESSOR

Platform ATmega128L - AVR 8-Bit RISC
Frequency 8MHz
Memory 128KB Flash, 4 KB SRAM, 4KB EEPROM
Batch capacity 1000 tag ids

ELECTRICAL

Battery NimH
Operating Voltage 3.6V - 120mAh
Standby current < 10mA
Active current 30mA
Maximum current 200mA
Average Power consumption 110 mW

PHYSICAL

Dimension 112 mm x 25 mm x 16 mm
Weight 50 g

ENVIRONMENT

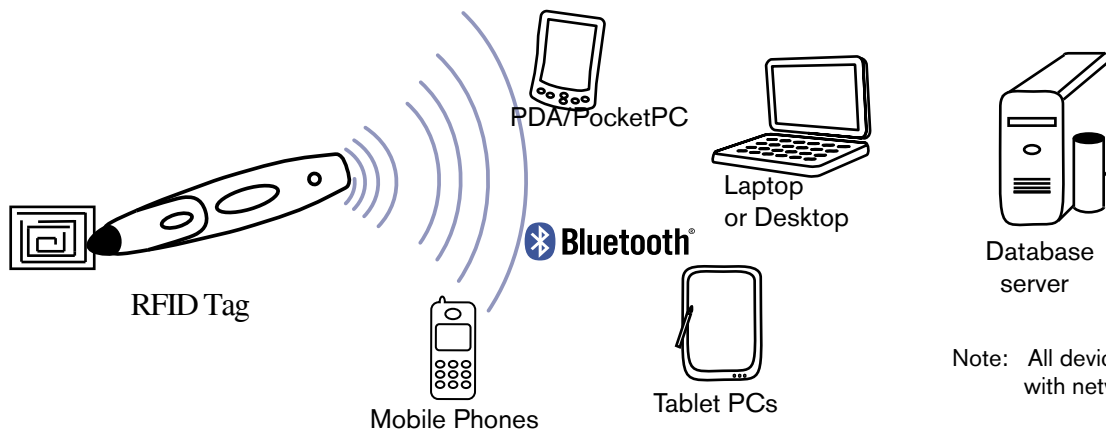
Operating Temperature 0 °c to 40 °c
Storage Temperature -20 °c to -50°c

CERTIFICATION

Regulatory CE, FCC, Radio (Industry Canada) (Pending)

REQUIREMENT

PC Windows 2000 and above w/ Bluetooth support
Microsoft Activesync 3.7.1
Pocket PC Windows CE 2003 w/ Bluetooth Support
Microsoft Active Sync 3.7.1



General features

Intuitive user interface:

- Only one button to switch on, connect and read RFID tag.
- Multi color led for connection and battery status
- Sound beeps for successful reading.

Contact information

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Note: All devices are Bluetooth enabled with network connectivity

Available accessories

Protective boot

The protective boot is made of light, elegant, flexible leather. It affords added protection while maintaining the overall ergonomics of the scanner. An optional addition is an elastic loop that would allow you to fix a tablet-pc pen tightly along the side of the BaracodaPencil. This would allow you the option of reading barcodes and using your tablet PC.

Car Charger

To enable charging batteries on the road.