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 ...

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.

Bluetooth®

HANTZ + PARTNER
The Upgrade Company! www.hantz.com

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IDBlue^{TM}

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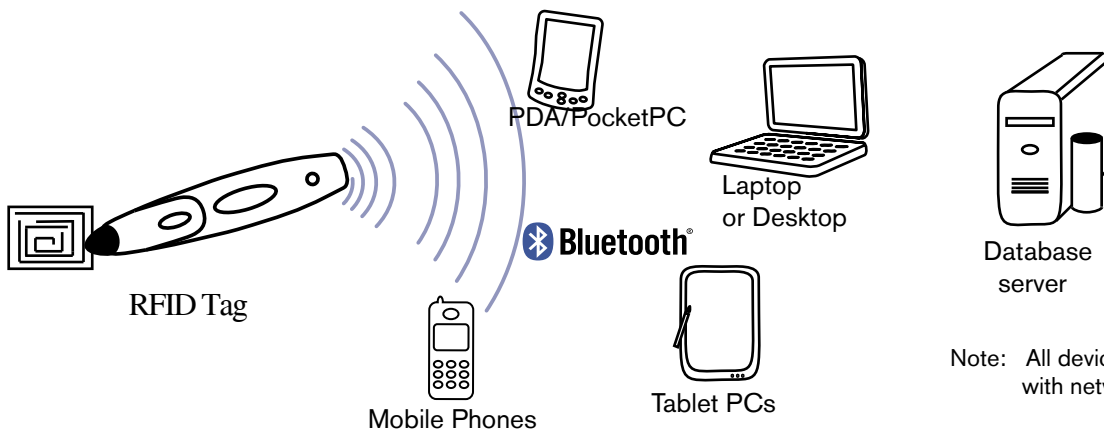
PC	Windows 2000 and above w/ Bluetooth support Microsoft Activesync 3.7.1
Pocket PC	Windows CE 2003 w/ Bluetooth Support Microsoft Active Sync 3.7.1

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.

RFID Tag

PDA/PocketPC

Laptop
or Desktop

Bluetooth®

Mobile Phones

Tablet PCs

Database
server

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.