

IDBlue™

An efficient way to add RFID reader/encoder to bluetooth PDA & mobile phones

- Unique pen-shaped ergonomic design
- RFID 13.56 MHz Encoder and Reader
- Bluetooth Class 2 (up to 15m)
- Can be also used as a stylus on tactile screen

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 ...



RFID engine powered by Cathexis - Bluetooth powered by Baracoda

Reading distance: 0 to 4 cm



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.

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IDBlue™

BLUETOOTH

Bluetooth® 1.1, Class 2
 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 SL
 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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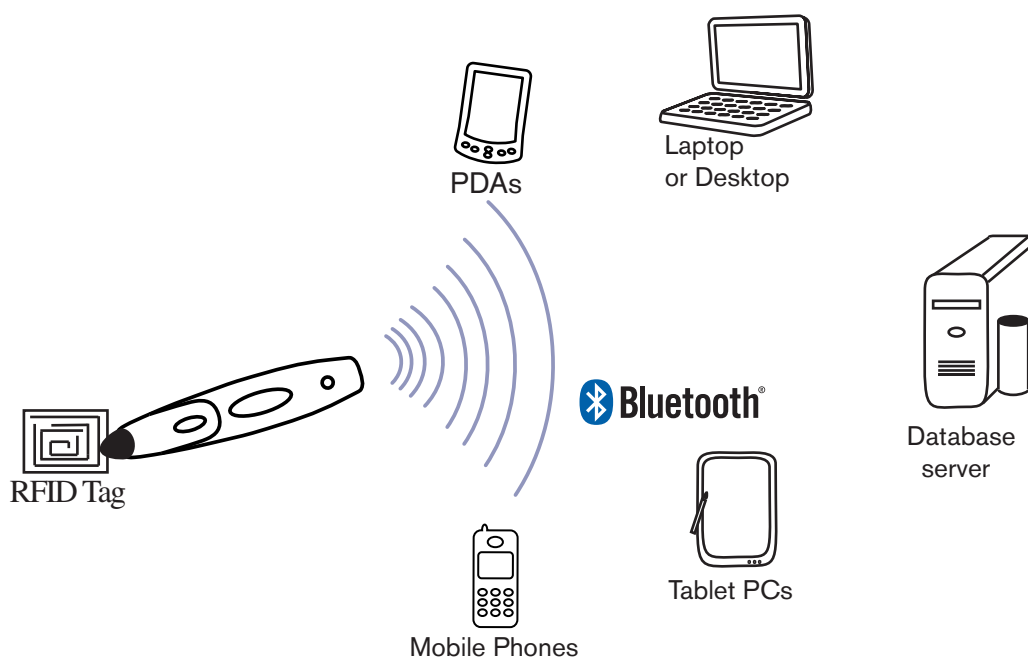
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Note: All devices are Bluetooth enabled with network connectivity

* Note: Support for Microsoft & Widcomm Bluetooth stacks only