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.

*RFID engine powered by Cathexis -
Bluetooth powered by Baracoda*

Applications:

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

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.

Bluetooth™

IDBlue^{TM}

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

Baracoda SA (Europe Office)
30 Avenue de l'Amiral Lemonnier
78160 Marly le Roi - FRANCE
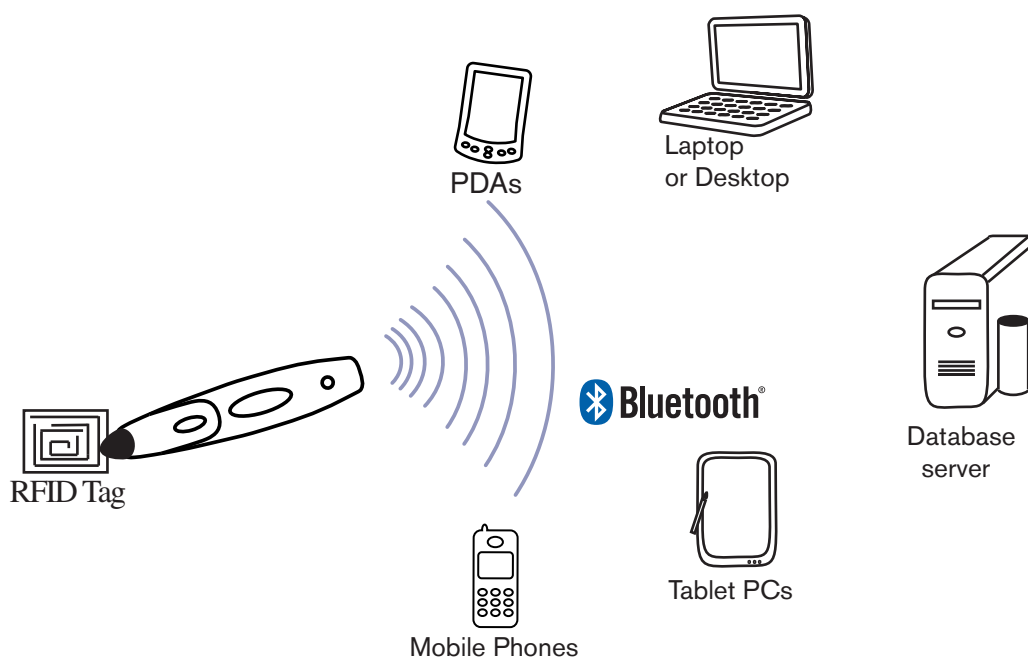Phone: +33.1.30.08.89.00
contact@baracoda.com

Baracoda Inc (US Office)
575 Madison Avenue, Suite 2500
New York, NY 10022
Phone: +1.800.262.08.90
Fax: +1.212.755.6385
contact@baracoda.com

Cathexis Innovations Inc.
67 Majors Path
Suite 202, St John's, NL
A1A 4Z9 Canada
Phone: +1 (709) 754-7343
Fax: +1 (709) 754-7349
sales@cathexis.com
www.cathexis.com

RFID Tag

PDAs

Laptop or Desktop

Bluetooth®

Mobile Phones

Tablet PCs

Database server

Note: All devices are Bluetooth enabled with network connectivity

* Note: Support for Microsoft & Widcomm Bluetooth stacks only