



# ID-Blue

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

- Access Control
- Field Force Automation
- Security
- Asset Management

# ID-BLUE Specifications

## BLUETOOTH

Bluetooth® 1.1 Class 2  
Range: 10 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 contact

## 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 FCC, Radio (Industry Canada) (Pending)

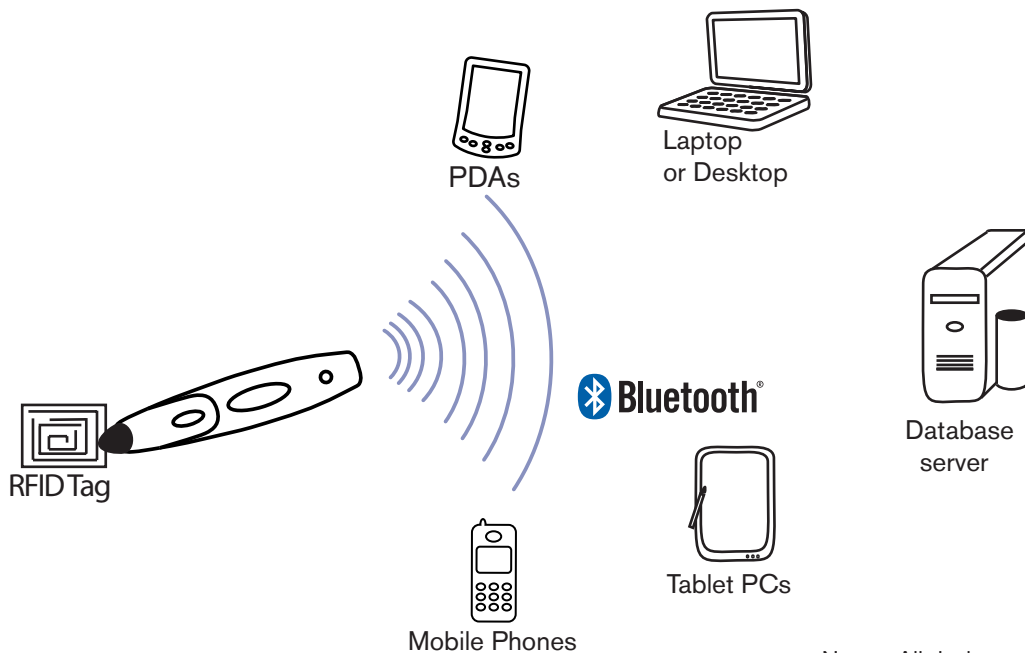
## REQUIREMENT

PC Windows 2000 and above w/ Bluetooth support  
Microsoft Activesync 3.7.1  
Pocket PC WM5; 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.



Note: All devices are Bluetooth enabled with network connectivity