



# 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 10m)
- Can be also used as a stylus on tactile screens

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

# ID-BLUE Specifications

## BLUETOOTH

Bluetooth® 1.1 Class 2  
Range: 33 ft (10 m)

## RFID

Operating Frequency 13,56 MHz  
Current Protocols ISO 15693-2, -3, Tag-it™ HF/HFI

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 4.4 in x 1.0 in x 0.6 in (112 mm x 25 mm x 16 mm)  
Weight 1.7 oz (50 g)

## ENVIRONMENT

Operating Temperature 32°F - +104°F (0 °C - +40 °C)  
Storage Temperature -4°F - +122°F (-20 °C - +50°C)

## CERTIFICATION

Regulatory FCC, Radio (Industry Canada) (Pending)

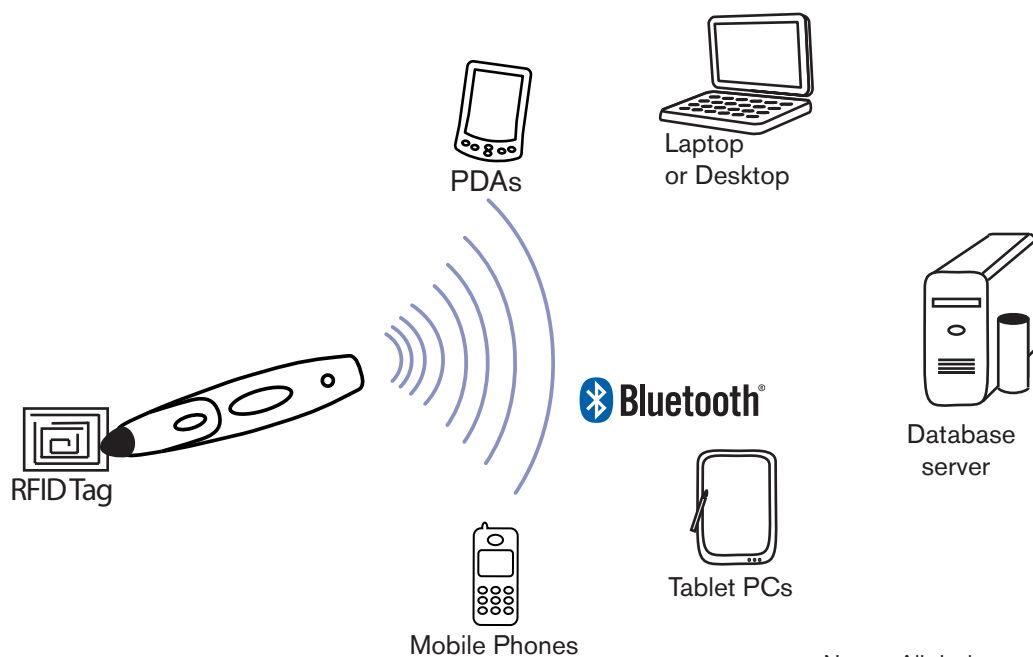
## REQUIREMENT

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 beep for successful reading.



Note: All devices are Bluetooth enabled with network connectivity