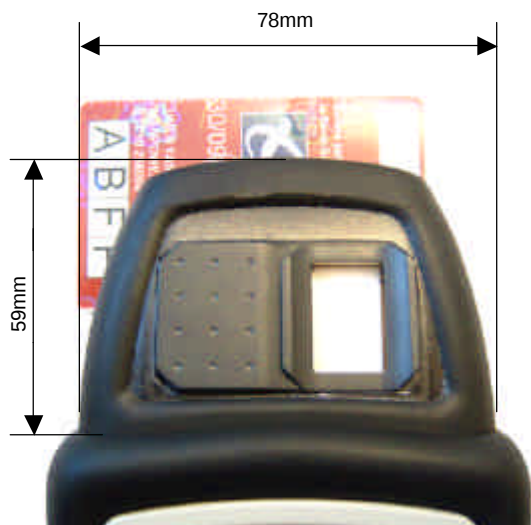


## DETAILED VIEWS



## SPECIFICATIONS

**Designation**..... The SpringBio-RC is a contactless reader usable in the TDS® Recon™ rugged handheld computer.

**Range** ..... 0cm → 2cm (depends on card type)

**Power supply** ..... Powered by the PocketPC

**Consumption** ..... Active sensor : 490mA max.  
Inactive sensor : 130mA max.  
Stand-by : 2mA max.

**Temperature range** ..... +0°C to +45°C

**Fingerprint sensor** ..... Slim optical sensor  
500 dpi resolution @ 8 bit greyscale  
14 x 22 mm acquisition area

**Biometry** ..... 1:1 authentication & 1:N identification (for a database of 500 persons)  
Authentication < 0,8s  
Identification < s

**Processor** ..... Powered by an ARM9™ family CPU core

**Chipset** ..... Philips MF-RC531

**Installation** ..... Plug the module in the handheld Compact-Flash® port with the Extended CF-Cap to the TDS® Recon™. Plug and play detection as a serial port under the Microsoft® Windows® CE operating system (PocketPC 2000, 2002, 2003)

**Implementation** ..... In progress.

**Conformity** ..... Normes CE : EN50082/EN55022 classe B

**ISO compliance** ..... ISO 14443-A / ISO 14443-B

**Cards supported** ..... MIFARE® Standard, UltraLight, Pro/ProX, DESFire

**Dimensions** ..... w : 78mm, h : 59mm, t : 34mm

**Weight** ..... 90g

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## DATA SHEET SPRINGBIO-RC



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