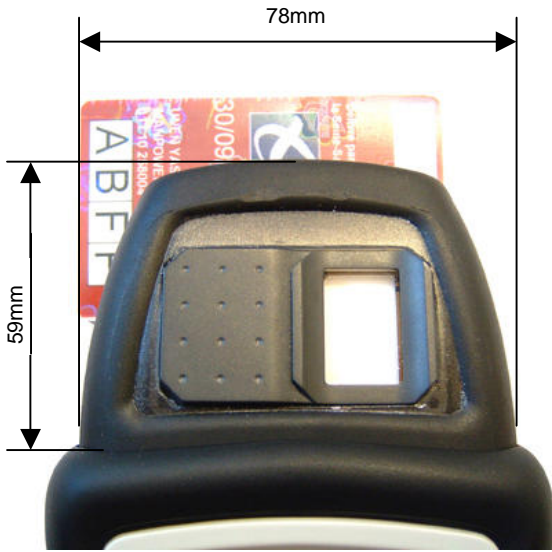


**DETAILED VIEWS**



**SPECIFICATIONS**

**Description** ..... Contactless reader usable in the TDS® Recon™ rugged handheld computer.

**Range** ..... 0 to 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 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** ..... CE : EN50082/EN55022 class B

**Contactless interface**  
ISO compliance ..... 14443 A & B layers 1-2-3-4  
Other standards ..... Mifare®, Desfire®, T=CL...  
Transmission speed ..... 106, 212 and 424 kbps  
Operating distance ..... Up to 8cm (depends on the card)

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

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

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

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**DATASHEET – SpringProxBio-RC (REF : SPB-RC)**



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