

springcard®

Prox'N'Roll PC/SC

Desktop USB contactless
smartcard reader/writer

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Prox'N'Roll PC/SC

USB contactless smartcard reader/writer

Use Prox'N'Roll and RFID technology becomes as simple as a child's game !

ATTRACTIVE AND FAST

- Operates with any credential form factor and **any NFC-enabled objects running in card emulation mode**
- Colourful and compact, Prox'N'Roll is fitted with **bright LEDs** and a **buzzer**
- Supported by major operating systems through standard drivers
- Highest **transaction time** allowed by the technology (848kbps in ISO/IEC 14443)

TYPICAL APPLICATIONS

- Interface for loyalty programs
- User identification
- Useful for card issuing desks, micro-payments systems

TECHNICAL FEATURES

- ISO/IEC 14443 (A&B)
- ISO 15693 and ISO 18000-3 mode 1
- T=CL protocol on-board for optimal transaction speed
- USB 2.0 full speed (12Mbps)
- PC/SC v.2 compliant

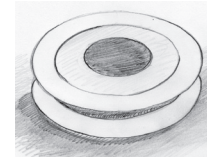


Versions and order codes

- SC9271: Prox'N'Roll PC/SC

Technical data

Prox'N'Roll



RFID/NFC Standards	ISO 14443 A-B, ISO 15693, NFC peer-to-peer (ISO 18092 initiator, passive communication mode)
Carrier frequency	13.56MHz (RFID HF, NFC)
RF field level	Typ.: 2A/m at 0.5cm
Operating distance	Typ.: 0-1cm, up to 4cm (depends on card/tag)
Card/tag baudrate	26kbps (ISO 15693), 106/212/424/848kbps (ISO 14443)
Communication with host	USB 2.0 (1.1 compliant) 12Mbps
Standards	CCID 1.1 profile - PC/SC v 2.01
Drivers	PC/SC driver for Windows / works with PCSC-Lite under Linux, Mac OS X and other Unix systems
SDK	Free SDK for SpringCard PC/SC couplers
In-field firmware upgrade	Yes (USB / proprietary)
Visual - sound	3 LEDs (RYG) - single tone beeper
Power	Powered by the USB bus (5V DC)
Size (DxH) - weight	79 x 30mm - ca 117g
Cable / connector	1.8m / USB type A
Environment	
Temperature	Operating: -20°C – +70°C / Storage: -40°C – +85°C
Humidity	0 – 90% (non condensing)
MTBF	500 000 hours
Approvals	EN50082, EN55022 class B - CE mark - FCC class B part 15 (pending/on request)
Environmental approvals	RoHS, WEEE
Warranty	2 years
Permanence	2015

YOUR EXPERT IN CONTACTLESS SOLUTIONS

SpringCard offers a wide range of products to meet as many as possible of needs and use cases.

With a 15-year experience in contactless smartcards, communication technologies and development on embedded or mobile systems, SpringCard R&D Team is also a valuable partner to design your own solution or product.

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