

Printer option – Smart Contactless card encoding Springcard Crazy Writer



A powerful contactless encoder

The SpringCard Crazy Writer is a versatile OEM contactless reader/writer.

Its 2 integrated SIM/SAM couplers are ready to receive any SAM smartcard for advanced security operations.

With its compact design and bus-powered USB interface, Crazy Writer integrates itself easily into card printers, vending or ticketing machines, fare gates or validators in transportation networks, and more.

SpringCard Crazy Writer USB is compliant with both PC/SC and CCID specifications, thus can be operated from common OSs using default drivers. It brings immediate contactless card support to existing PC/SC applications (the whole product is seen as 3 PC/SC readers: 1 contactless, and 2 SIM/SAM).

Supporting a wide range of contactless standards

The SpringCard Crazy Writer is ISO 14443 A and B compliant, supporting Mifare Classic and UltraLight, DesFire, Calypso and many other tags.

It may be configured for legacy mode, and is in this case 100% compatible with earlier products from SpringCard/ Pro-Active (CSB4, K531, etc).

More details about this encoder

[Link to Springcard Crazy Writer web page](#)

About SpringCard

Established in 2000, Pro Active is an innovative provider of smartcard related solutions, and one of the leaders on the contactless-reader market. SpringCard has been created to distribute Pro Active's contact and contactless products worldwide, under a single brand name.

Target Markets

- ePayment
- ePurse
- Gaming
- Access Control

Supported Printers

- *Factory mounted*

- Zenius Expert
- Primacy
- Pebble⁴
- Dualys³
- Quantum²
- Tattoo² RW

- *On-site upgrade*

- Zenius Expert
- Primacy
- Quantum²

Software & SDK

PC/SC Software and dev. kit free of charge

SpringCard Crazy Writer

CONTACTLESS SMARTCARD INTERFACE

STANDARDS	ISO/IEC 14443 A and B, T=CL ISO/ IEC 15693 and 18000-3
RFID CARRIER	13.56 Mhz
SUPPORTED CARDS (MAIN LIST)	NXP (Philips) ICODE1, ICODE-SLI, etc Texas Instruments TagIT NXP (Philips) MIFARE Classic, & Ultralight NXP (Philips) DESFIRE, SmartMX, ProX Infineon SLE66 family ST Microelectronics SR, SRI, SRIX families HID iClass Inside PicoTag ASK CTS256/ CTS512 Calypso (CD21, CD97, GTML, etc) And virtually any ISO/IEC 14443A and B compliant smartcard or ISO/IEC 15693 compliant RFID label

SIM / SAM INTERFACES

CARD FORMAT	ID-000 (μ SIM)
NUMBER OF SLOTS	2 slots
STANDARDS	ISO/IEC 7816, T=0 & T=1
SMARTCARDS CLASS	A and A/B (5V or 3.3 V cards)
DURABILITY	10,000 SIM/SAM insertions

USB INTERFACE

POWER CONSUMPTION	Around 300mA under 5V
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PC/ SC MODE

WINDOWS DRIVER	2000/ XP/ Vista
LINUX & OTHERS	Supported by pcsc-lite CCID driver
API & SDK	Full PC/SC – Free SDK available

Data source: Springcard Crazy Writer product information sheet – pfl8t5p.pdf dated 05/03/2010