

SMARTCARD READER / WRITER FOR PSION TEKLOGIX WORKABOUT PRO

SpringCard-WAP is a CompactFlash smartcard reader / writer for integration in a PSION TEKLOGIX Workabout Pro.

SPRINGCARD-WAP HIGHLIGHTS**SpringCard-WAP features**

- 1 ISO-sized slot ("credit card" format),
- Compliance: ISO/IEC 7816 1, 2, 3 and 4),
- GemPlus GemCore Lite Pro chipset,
- T=0 & T=1 asynchronous protocols,
- 3V or 5V smartcards,
- Baudrate: up to 115kpbs.

Workabout Pro (PSION TEKLOGIX) integration <http://www.psionteklogix.com>

- CompactFlash type I, robust encasing that screws on the top of the handheld,
- Power supply provided by the PocketPC,
- Supported OS : Windows CE 4.20 (PocketPC 2003) Windows Mobile 2003).
- Plug & Play operation under Windows CE (SpringCard-WAP is seen as a serial communication port),
- Unified PC/SC-like SpringCard API, available in the developer's kit (SpringCard PocketPC SDK)

ORDER CODES

SC-WAP Reader/Writer for ISO 7816 (1,2,3 & 4) smart cards compliant
 SDK-SCWAP Development kit for SpringCard-WAP

SPECIFICATIONS

Smart card Chipset	GemPlus GemCore Lite PRO	Electrical Interface	Card power supply: 3 V/5 V Card presence or insertion detection Short circuit current limitation ESD protection on card pins: 4 kV - Human Body Model Provided by the PocketPC.
Host communication speed	9600 bps	Power supply	
Smart card communication	9.6 kbps to 115 kbps	Temperature range	0°C → +70°C
Physical Layer	Serial asynchronous link Programmable transmission speed from 9,600 bps to 76,800 bps Format: 8 bits, no parity, 1 stop bit GemPlus Block Protocol (GBP)	Storage range	-65°C to 150°C
Compliance ISO / IEC	Asynchronous protocol, ISO 7816-1, 2, 3 & 4	Frequency operation	14.7456Mhz
Supported Smart Cards	Asynchronous cards, T=0, T=1	Card detection	Switch in smart card connector
Consumption	8mA typical 150mA with card powered	Host communication chipset	VPU 16551
Power down mode	150µA		

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TECHNICAL DATASHEET

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