

SPRINGCARD-G2

RUGGED CONTACT SMARTCARD READER



SpringCard-G2 is a contact smartcard reader dedicated to Psion Teklogix Workabout Pro (G2) handheld.

Featuring 1 ISO smartcard slot SpringCard-G2 is the perfect device for high-demanding mobile applications of smartcards.

KEY FEATURES

The ISO 7816 slot of **SpringCard-G2** works with T=0 and T=1 contact smartcards.

As the first USB contactless reader for Psion Workabout Pro, **SpringCard-G2** is faster and easier to integrate than existing products.

A FEW TYPICAL APPLICATIONS

- Transportation (control, check-in, issuing),
- Micro-payment or loyalty programs,
- Government, border control,
- And more

SPRINGCARD & PRO ACTIVE

Established in 2000, **Pro Active** is an innovative provider of smartcard-related solutions, and one of the leaders on the contactless-reader market.

SpringCard distributes **Pro Active's** contact and contactless products worldwide, under a single brand name.



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A PRO ACTIVE BRAND
Pro Active

SPRINGCARD-G2

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TECHNICAL SPECIFICATIONS

Contact smartcard interface (main slot)

Standards	ISO/IEC 7816, T=0 and T=1
Format	ID-1 (ISO smartcard)
Card clock	3.6864 or 7.3728 MHz
Card power supply	3V or 5V (classes A and B) with autodetection
Card baud rate	Up to 115200 bit/s
Other features	Card presence detection Short circuit and thermal protection ESD protection 4kW (human body model)

Environment and safety

Operating temperature	-20 → +80°C
Storage temperature	-40 → +85°C
MTBF	500 000 hours
Durability	Main slot : 50 000 card insertionss
CE mark	EN50082 / EN55022 class B ¹
Other standards	RoHS

¹Safety: EN60950: 2001 ; EN 50364 : 2001, EMCEN 301 489-03 v1.4.1 ; EN 301 489-01 v1.6.1, Spectrum:EN 300 330-2 : v1.1.1

USB interface

Standard	USB 2.0 (12Mbps) - also supports 1.1
Power supply	Powered by the handheld (5V) ≈120mA with RF field OFF ≈280mA with RF field ON + consumption of the smartcard(s)
Drivers	Immediately available for Windows CE 5.0 Other OS build : contact us
API and SDK	SpringProx API, compliant with existing products (CSB4, SpringProx-CF, SpringProx-RC, etc) SpringProx SDK sold separately

Integration

SpringCard-G2 has been designed for the
Pision Teklogix Workabout Pro G2 (S and C versions)

For more information, visit
www.psionteklogix.com

Hardware specifications

Dimensions (LxWxH)	75 x 75 x 25 mm (approx)
Housing material	ABS + PC
Weight	≈ 150g (not including the handheld)
IP	IP65

ORDER CODES

PART #	Description
SCARD-G2	SpringCard-G2 contact device with housing

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PRO ACTIVE company with a capital of 227 000 €
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