

SPR332

Secure Class 2 PINpad Reader



Features

- Secure PIN entry prevents unauthorized access while connected to the network
- User friendly tamper-evident casing Common Criteria (CC EAL3+)
- UID unique serial number
- Smart OS™ upgradable firmware
- Compliant with all major smart cards and relevant industry standards
- Customization options: Company logo

Typical Applications

The SPR332 is the ideal device for applications such as digital signature, authentication & verification, and other applications requiring secure PIN entry.

The reader supports secure e-Commerce, eHealth and the like applications where securing of private data is key.

The device allows authentication processes to be securely executed within the device protecting the entered data from various attacks.

PINpad Reader

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Technical Data

Interfaces		
Host	USB	<ul style="list-style-type: none"> • USB Bus powered device • CCID compliant
Smart Card	contact	<ul style="list-style-type: none"> • ISO7816 T=0, T=1 protocol support • Memory card support through SCM MCARD API • Communication speed (USB) up to 344,105 bps • Frequency up to 8 MHz (PPS, DI parameter) • Voltage class A and AB supported • 8 contacts - ISO location, ID1 slot • 200,000 insertions • Landing contact
Human		<ul style="list-style-type: none"> • 2 LEDs and Buzzer indicating status • 3 x 4+1 keypad • Tamper evident
Software	API	<ul style="list-style-type: none"> • PC/SC • CT-API (thru wrapper on top of PC/SC)
Operating Systems		<ul style="list-style-type: none"> • Windows® Vista, XP, Server 2003, 2000, ME, 98, NT4* • Windows® Vista, XP, Server2003 (AMD64/EMT64) • MacOS, Linux 32-bit (2.4.x, 2.6.x)/64-bit • Solaris (on request)
Cable		<ul style="list-style-type: none"> • 1.5m long USB cabel with USB type A connector
Dimensions		L x W x H [mm]
Weight		[g]
Operating Conditions		Temperature [°C] Humidity [%]
Approvals		Functional
		<ul style="list-style-type: none"> • FCC Class B part 15, cULus, CE,VCCI • Microsoft® WHQL 2000, XP, Server 2003 • USB-IF • EMV Level 1 • Common Criteria EAL 3+ High • HBCI compliant
		Environmental
		<ul style="list-style-type: none"> • RoHS, WEEE

Technical data are subject to change without notice.

The SCM Microsystems' Advantage

Trusted Partner

- ASIC (application specific IC) and smart card reader development experience since 1990
- Innovative solutions - more than 50 patents filed
- Reliable high-quality mass production capability - more than 15 Mio. reader solutions deployed to date
- Active role in standardization committees
- Complex project management expertise e.g. U.S. Department of Defense CAC program, electronic ID applications (ePassport, health card projects, national ID, driver licence)

Support

- Global presence and support
- Product customization options
- Product branding
- Dedicated Research & Development and customer support team
- Strong global partnership network with leading suppliers along the value chain (smart card manufacturers, application providers, system integrators, device manufacturers)

Trusted Products

- Broadest portfolio of security technology products - for governments, corporations, financial institutions, small and medium-sized enterprises and individuals around the globe
- Secure smart chip reader design - certified and compliant to EMV, Common Criteria, PC/SC, USB
- High-quality products designed to meet the various requirements in the data security area
- Flexible and future proof solutions - SCM's SmartOS™ firmware and its own ASIC technology allow in Field upgrades and secure your investment

