# SCR333

## 3.5 inch bay Internal PC-Linked Contact Smart Card Reader



### Features

- Easy integration into any standard 3.5 inch bay PC systems
- Software and functionality compatible with SCM´s SCR33xx readers family
- In field firmware updates
- Compliant with all major smart cards and relevant industry standards
- Customization options: Bezel color and company logo OEM branding

### Typical Applications

The SCR333 is suitable for the integration into any standard 3.5 inch bay slots in PCs, work stations, thin client systems, and kiosks.

Typical applications for the SCR333 include secure logical access to computers and networks, secure authentication for Business-to-Business and Business-to-Consumer applications, and secure logon such as email encryption.

## Contact Reader

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# SCR333

## Technical Data

| Interfaces | | | |
|---|---|---|---|
| Host | USB | | • Full speed USB 2.0 (12 Mbps) <br> • USB Bus powered device <br> • CCID compliant |
| Smart Card | contact | | • T=0, T=1 protocol support <br> • Memory card support through SCM MCARD API <br> • Communication speed up to 344,105 bps (PPS, FI parameter) <br> • Frequency up to 8 MHz (PPS, DI parameter) <br> • Support ISO 7816 Class A and AB smart card <br> • 8 contacts - ISO location <br> • 100,000 insertions <br> • Sliding contact |
| Human | optical | | • One green LED |
| Software | API | | • PC/SC <br> • CT-API (thru wrapper on top of PC/SC) |
| Operating Systems | | | • Windows® 7 <br> • Windows® Vista, XP, Server 2003, 2000, ME, 98 <br> • Windows® Vista, XP, Server2003 (AMD64/EMT64) <br> • Windows® CE 3.0, 4.1, 4.2, 5.0, 6.0 <br> • MacOS, Solaris, Linux 32-bit (2.4.x, 2.6.x)/64-bit |
| Cable | | | • 2.45mm (.100") Pitch, Single row, 5 pins connector |
| Dimensions | L x W x H [mm] | | • 120 x 101 x 25 (3.5 inches device bay) |
| Weight | [g] | | • 70 |
| Operating Conditions | Temperature [°C] <br> Humidity [%] | | • 0 to 50 <br> • 90 (non-condensing) |
| Approvals | Functional | | • FCC Class B part 15, CE, VCCI <br> • USB-IF <br> • Microsoft® WHQL 2000, XP, Server 2003 <br> • EMV Level1 upon request |
| | Environmental | | • 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