

# SCR3320

## The Mobile SIM Card Reader Solution



### Overview

The SCR3320 leverages SCM Microsystems' years of experience with smart card reader technology in a new plug-in card format. With the best price/performance ratio in the market, the tiny SCR3320 can be brought along anywhere and can be plugged into any free USB port. It supports multiple security applications including PKI, digital signature and personal identification, all in a compact, mobile device.

The SCR3320 reads and writes to all ISO 7816 compliant SIM, SAM and smart cards in plug-in format (ID-000). The device includes support for USB and relevant security standards. Together, these features enable high performance, cost effective programs for secure logical access in any environment.

### SCR3320 Benefits

- Flexibility to choose any smart card that works best for your application
- Fully compatible with existing product family (SCR33xx) makes the qualification and integration seamless
- Convenient and portable
- PC/SC certification
- High communication speed performance
- Fully tested and compliant with all ISO 7816 smart cards in the market
- Customizing options: colors, and company logo

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# SCR3320

## Technical Data

|                       |   |
|-----------------------|---|
| Host Interface        | <ul style="list-style-type: none"> <li>• Full speed USB (12 Mbps)</li> <li>• Bus powered device</li> <li>• CCID compliant</li> </ul>  |
| Smart Card Interface  | <ul style="list-style-type: none"> <li>• T=0, T=1 protocols support (ID-000 format)</li> <li>• Communication speed up to 344,105 bps (PPS, FI parameter)</li> <li>• Frequency up to 12 MHz (PPS, DI parameter)</li> <li>• Support ISO 7816 Class A and AB smart card</li> </ul> |
| Smart Card Connector  | <ul style="list-style-type: none"> <li>• 6 contacts - ISO location</li> <li>• 50,000 insertions</li> <li>• Landing contacts</li> </ul>  |
| Human Interface       | <ul style="list-style-type: none"> <li>• One dual state green LED</li> </ul>  |
| Cable/Power           | <ul style="list-style-type: none"> <li>• Power through USB bus</li> </ul>   |
| Dimensions            | <ul style="list-style-type: none"> <li>• LWH 67 x 28 x 13 mm, weight 12 grams</li> </ul>  |
| Operating Temperature | <ul style="list-style-type: none"> <li>• 0° to 50° Celsius</li> </ul>   |
| OS                    | <ul style="list-style-type: none"> <li>• Windows® 98, ME, 2000, XP, Server 2003</li> <li>• Windows® CE</li> <li>• MacOS, Linux</li> </ul>   |
| API                   | <ul style="list-style-type: none"> <li>• PC/SC</li> <li>• CT-API (thru wrapper on top of PC/SC)</li> </ul>  |
| Approvals             | <ul style="list-style-type: none"> <li>• FCC Class B part 15, CE</li> <li>• USB</li> <li>• Microsoft® WHQL 2000, XP, Server 2003</li> </ul>   |

Technical data are subject to change without notice.

## Availability

- Samples      December 2005
- Production    February 2006

## The SCM Microsystems' Advantage

SCM Microsystems brings over a decade of experience in ASIC and smart card reader development to this unique product. With its dedicated Research and Development team and a true global presence, SCM Microsystems delivers high quality products catering to the various requirements in the security field. SCM offers customization of products to suit application needs.

Typical advantages of an SCM Microsystems product include:

- More than 80 patents
- High quality mass production capability
- Industry endorsed SmartOS™ middleware
- Support for all current and emerging international standards
- Customer base of global, top tier PC OEMs, systems integrators and smart card industry leaders
- Direct significant long-term relationships with all leading smart card manufacturers and application providers

