

# SCR335

## The Compact USB Solution



### Overview

The SCR335 is an extension to the SCR331 product family combining the flexibility and ease of use of the CHIPDRIVE® micro product and SCM Microsystems' interface technology. Together, these features provide SCM Microsystems with a unique ability to offer high performance at a very competitive price. Compatible with all major industry standards including PC/SC, CT-API as well as CCID, the SCR335 is suitable for a wide range of applications (e.g. home banking, network security, secure logon, email encryption, loyalty, e-coupons, and gaming) where performance and price are required. The SCR335 offers the best price/performance ratio in the market.

### SCR335 Benefits

- PC/SC certified
- High performance
- Support of T=0, T=1 as well as all major memory cards available on the market
- Fully tested and compliant with all major smart cards in the market

### PC Security Solutions

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# SCR335

## 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 protocol support</li> <li>• Memory card support through SCM MCARD API</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>• 8 contacts - ISO location</li> <li>• 50,000 insertions</li> <li>• Sliding contact</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>• Cable: 1.5 meter long with USB type A connector</li> <li>• Power through USB bus</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>• LWH 66 x 48 x 11 mm, weight 70 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 and XP, Server 2003</li> <li>• Windows® CE 4.2, 5.0</li> <li>• Linux, MacOS X, Solaris</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.

## 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

