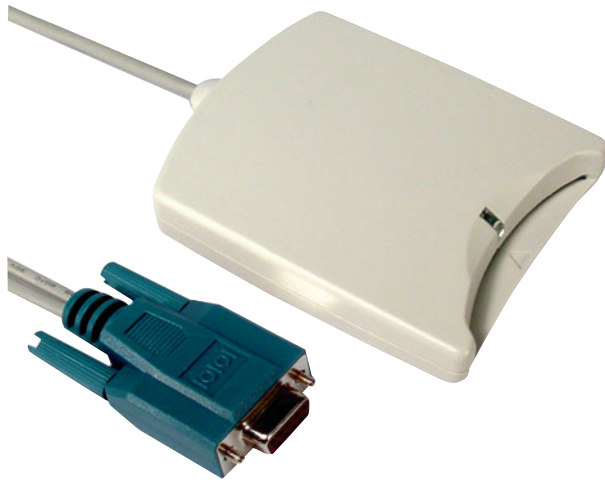


# SCR131

## The Premier Serial Solution



### Overview

The SCR131 is part of a new family of smart card readers based on SCM Microsystems' STC II micro controller. This device includes support for multiple interfaces, multiple reader devices and relevant security standards. Together, these features provide SCM Microsystems with the unique ability to offer high performance and cost effective solutions. In addition, the SCR131 is the industry's first to offer on-board flash. This enables future firmware and application enhancements that guarantee against obsolescence. The SCR131 offers the best price/performance ratio in the market.

### SCR131 Benefits

- On-board flash provides seamless firmware upgrades in the field
- EMV Level 1 AND PC/SC certification based on a single solution
- High performance
- Fully tested and compliant with all major smart cards in the market
- Customizing options: casing, colors, and company logo

### PC Security Solutions

U.S. Headquarters  
 SCM Microsystems Inc.  
 466 Kato Terrace  
 Fremont, CA 94539 USA  
 E-mail [scmsales@scmmicro.com](mailto:scmsales@scmmicro.com)  
 Phone +1 510 360 2300  
 Fax +1 510 360 0211

European Headquarters  
 SCM Microsystems GmbH  
 Oskar-Messter-Str. 13  
 D-85737 Ismaning, Germany  
 E-mail [sales@scmmicro.de](mailto:sales@scmmicro.de)  
 Phone +49 89 9595 5000  
 Fax +49 89 9595 5555

SCM Microsystems Japan, Inc.  
 8F Hirakawacho Ronstate, 2-11-1,  
 Hirakawa-cho, Chiyoda-ku,  
 Tokyo, Japan 102-0093  
 E-mail [sales@scmmicro.co.jp](mailto:sales@scmmicro.co.jp)  
 Phone +81 3 3511 8511  
 Fax +81 3 3511 8516

SCM Microsystems France  
 ZE Athélie II  
 216, avenue du Serpolet  
 13704 La Ciotat Cedex - France  
 E-mail [sales@scmmicro.fr](mailto:sales@scmmicro.fr)  
 Phone +33 442 838 000  
 Fax +33 442 838 001

SCM Microsystems (Asia) Pte. Ltd.  
 21 Serangoon North Ave 5  
 #03-02 Ban Teck Han Building  
 Singapore 554864  
 E-mail [sales@scmmicro.com.sg](mailto:sales@scmmicro.com.sg)  
 Phone +65 6551 5233  
 Fax +65 6483 0210

SCM Microsystems India Pvt. Ltd.  
 Module No. 0506, 0507 & 0508  
 D' Block South, 5th Floor  
 Tidel Park, 4 Canal Bank Road  
 Taramani  
 Chennai 600113, India  
 E-mail [sales@scmmicro.co.in](mailto:sales@scmmicro.co.in)  
 Phone +91 44 2254 0020  
 Fax +91 44 2254 0029



# SCR131

## Technical Data

Host Interface	<ul style="list-style-type: none"> <li>• PnP RS232 (115,200 bps)</li> <li>• Power supply through PS/2</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 to 115,200 bps (PPS, FI parameter)</li> <li>• Frequency up to 8 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>• 100,000 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 F-DB9 and Pass-through PS/2</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>• LWH 90 x 70 x 16.5 mm</li> <li>• Weight 140 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, NT4, 2000 and XP</li> <li>• Windows® CE 4.2, 5.0</li> <li>• Solaris, 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, cULus, CE, VCCI</li> <li>• Microsoft® WHQL 2000, XP</li> <li>• EMV Level 1</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

