

SCRI31

The Premier Serial Solution



Technical data

Host interface	<ul style="list-style-type: none"> • PnP RS232 (115,200 bps) • Power supply through PS/2
Smart Card Interface	<ul style="list-style-type: none"> • T=0, T=1 protocol support • Memory card support through SCM MCARD API • Communication speed up to 115,200 bps (PPS, FI parameter) • Frequency up to 12 MHz (PPS, DI parameter) • Support ISO 7816 Class A and AB smart card
Smart Card Connector	<ul style="list-style-type: none"> • 8 contacts - ISO location • Certified for 100,000 insertions • Sliding contact
Human Interface	<ul style="list-style-type: none"> • One dual state green LED
Cable/Power	<ul style="list-style-type: none"> • Cable: 1.5 meter long with F-DB9 and Passthrough PS/2
Dimension	<ul style="list-style-type: none"> • LWH 90 x 70 x 16.5 mm
Operating Temperature	<ul style="list-style-type: none"> • 0° to 50° Celsius
OS	<ul style="list-style-type: none"> • Windows® 98, Me, NT4, 2000 and XP • Windows® CE • Solaris, Linux
API	<ul style="list-style-type: none"> • PC/SC • CT-API (thru wrapper on top of PC/SC) • OCF upon request
Approvals	<ul style="list-style-type: none"> • FCC Class B part 15, cULus, CE, VCCI • Microsoft® WHQL Me, 2000, XP • EMV Level I

Overview

The SCRI31 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 with the unique ability to offer high performance and cost effective solutions.

In addition, the SCRI31 is the industry's first to offer on-board flash. This enables future firmware and application enhancements that guarantee against obsolescence.

The SCRI31 offers the best price/performance ratio in the market.

SCRI31 Benefits

- On-board flash provides seamless firmware upgrades in the field
- EMV Level I 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

The SCM Microsystems Advantage

SCM Microsystems brings over a decade of experience in ASIC and Smart Card Reader development to this unique product, including:

- More than 60 patents
- Support for all current and emerging international standards
- Customer base of global, top tier PC OEMs, systems integrators and Smart Card industry leaders
- Industry endorsed SmartOS™ middleware
- Direct significant long-term relationships with all leading Smart Card manufacturers and application providers
- High quality mass production capability

US Headquarters
SCM Microsystems Inc.
466 Kato Terrace
Fremont, CA 94539, USA
email: adapter@scmmicro.com
Phone +1 510 360 2300
Fax +1 510 360 0211

European Headquarters
SCM Microsystems GmbH
Oskar-Messer-Str. 13
D-85737 Ismaning, Germany
email: sales@scmmicro.de
Phone +49 89 9595 5000
Fax +49 89 9595 5555

SCM Microsystems, Japan Inc.
8F Hirakawacho Ronstate,
2-1-1, Hirakawacho-cho,
Chiyoda-ku, Tokyo, Japan
Postal code: 102-0093
email: sales@scmmicro.co.jp
Phone +81 3 3511 8511
Fax +81 3 3511 8516

SCM Microsystems France
ZE Athélie II - n° 216,
Avenue du Serpolet
13704, La Ciotat, Cedex, France
email: sales@scmmicro.fr
Phone +33 442 838 000
Fax +33 442 838 001

SCM Microsystems Asia Pte. Ltd.
25 Serangoon North Ave 5
#06-00 Keppel Digihub
Singapore 554914
email: sales@scmmicro.com.sg
Phone +65 6551 5233
Fax +65 6483 0210

Secure Micro Technologies, India Pvt. Ltd.
Module No. 0308
3rd Floor, D Block-South
Tidel Park
4, Canal Bank Road
Taramani, Chennai 600 113, India
email: sales@scmmicro.co.in
Phone +91 44 2254 0636
Fax +91 44 2254 0645



SCM
MICROSYSTEMS
www.scmmicro.com