

SCR331

The premier USB Solution



Overview

The SCR331 smart card reader is the premier USB solution.

The reader is based on SCM's STC II controller chip that supports multiple interfaces, multiple reader devices and all relevant security standards. The STC II chip was the industry's first to offer On-board Flash, allowing future firmware and application enhancements.

This provides SCM Microsystems with the unique ability to offer high performance and cost effective solutions.

SCR331 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

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Technical Data

Host Interface	<ul style="list-style-type: none"> • Full speed USB (12 Mbps) • Bus powered device • CCID compliant
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 344,105 bps (PPS, FI parameter) • Frequency up to 8 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 • 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: 1.5m long with USB type A connector • Power through USB bus
Dimensions	<ul style="list-style-type: none"> • LWH 90 x 70 x 16.5 mm, weight 100 grams
Operating Temperature	<ul style="list-style-type: none"> • 0° to 50° Celsius
OS	<ul style="list-style-type: none"> • Windows® 98, ME, 2000 and XP, Server 2003, Vista • Windows® CE 4.2, 5.0 • MacOS, Linux, Solaris
API	<ul style="list-style-type: none"> • PC/SC • CT-API (thru wrapper on top of PC/SC)
Approvals	<ul style="list-style-type: none"> • FCC Class B part 15, cULus, CE, VCCI • USB • Microsoft® WHQL 2000, XP, Server 2003 • EMV Level 1
Environmental	<ul style="list-style-type: none"> • RoHS • WEEE

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 50 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

