

SCR3310v2.0

The Premier USB Smart Card Reader Solution



Overview

The SCR3310v2.0 continues the line of SCM Microsystems' market-leading smart card reader products.

The SCR3310v2.0 includes support for USB and all relevant security standards; the interface is CCID and PC/SC as well as EMV 2000 Level 1* compliant. The reader 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 EMV certification* recommends the SCR3310v2.0 especially for applications with banking or credit cards.

Together, these features enable high performance, cost effective programs for secure logical access in any environment.

SCR3310v2.0 Benefits

- EMV 2000 Level 1* and PC/SC certification in a single solution
- High communication speed performance
- Supports all ISO 7816 Class A (5V), B (3V) and C (1.8V) smart cards
- Fully tested and compliant with all ISO 7816 smart cards in the market
- Fully tested and compliant with all major memory smart cards in the market*
- Customizing options: case, colors, and company logo

PC Security Solutions

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SCR3310v2.0

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 420 kbps (PPS, FI parameter) • Frequency up to 8 MHz (PPS, DI parameter) • Support ISO 7816 Class A , B and C smart card
Smart Card Connector	<ul style="list-style-type: none"> • 8 contacts - ISO location • 100,000 insertions • Sliding contact • Short circuit protection
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 70 x 70 x 10 mm, weight 60 grams
Operating Temperature	<ul style="list-style-type: none"> • 0° to 50° Celsius
OS	<ul style="list-style-type: none"> • Windows® 98SE, ME, 2000, Server2003, XP32/64, Vista32/64 • Windows® CE 3.0, 4.1, 4.2, 5.0 • MacOS 10.x, Linux 2.4.x, 2.6.x, 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, Server2003 • EMV 2000 Level 1*
Environmental	<ul style="list-style-type: none"> • RoHS • WEEE

* EMV 2000 Level 1 certification and memory card support on request.

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

