

SCR3311

Premium USB Solution – One-hand operation



Overview

The SCR3311 is SCM Microsystems' new ergonomic smart card reader. The reader's solid base ensures stability, even when using one hand to insert a smart card which makes it ideal for one-hand operations.

The smart card reader combines the latest technology with contemporary design. It includes support for USB and all relevant security standards; the interface is CCID and PS/SC as well as EMV2000 Level 1 compliant. The EMV certification recommends the reader especially for applications with banking or credit cards, e.g. e-Banking or e-Payment.

The SCR3311 is based on the STC II smart card interface chip with on-board flash. The on-board flash-memory enables seamless firmware upgrades in the field to adapt the reader to current requirements and prevent obsolescence. Compact and attractive, the SCR3311 is available in various weight options, can be customized in color and case and can include a company logo.

SCR3311 Benefits

- On-board flash for seamless firmware upgrades in the field prevents obsolescence
- EMV 2000 Level 1 and PC/SC certification in a single solution
- One-hand operation with different weight options
- High performance
- Fully tested and compliant with all major smart cards in the market
- Customizing options: casing, colors, and company logo



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SCR3311

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: 2m long with USB type A connector • Power through USB bus
Dimensions	<ul style="list-style-type: none"> • LWH 95 x 64 x 85 mm
Weight	<ul style="list-style-type: none"> Two options • Heavy weight - approx. 420 gram • Light - approx. 150 gram
Operating Temperature	<ul style="list-style-type: none"> • 0° to 50° Celsius
OS	<ul style="list-style-type: none"> • Windows® 98, ME, 2000, XP, Server 2003 • Windows® CE 4.2, 5.0 • MacOS X, 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 • USB • Microsoft® WHQL 2000, XP, Server2003 • EMV 2000 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 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

