SCR335

The Compact USB Solution

PC Security Solutions

Overview

The SCR335 smart card reader combines the flexibility and ease of use of the popular CHIPDRIVE® micro product and SCM Microsystems' experience in smart card reader interface technology.

The SCR335 is suitable for a wide range of applications, e.g. home banking, network security, secure logon, email encryption, loyalty, e-couponing, and gaming. With the SCR335, SCM Microsystems can offer high performance at a very competitive price.

SCR335 Benefits

• PC/SC certified

• High performance

• Support of T=0,T=1 as well as all major memory cards available on the market

• Fully tested and compliant with all major smart cards in the market

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SCR335

Technical Data

Host Interface	• Full speed USB (12 Mbps) • Bus powered device • CCID compliant
Smart Card Interface	• 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	• 8 contacts - ISO location • 50,000 insertions • Sliding contact
Human Interface	• One dual state green LED
Cable/Power	• Cable: 1.5 meter long with USB type A connector • Power through USB bus
Dimensions	• LWH 66 x 48 x 11 mm, weight 70 grams
Operating Temperature	• 0° to 50° Celsius
OS	• Windows® 98, ME, 2000 and XP, Server 2003, Vista • Windows® CE 4.2, 5.0 • Linux, MacOS X, Solaris
API	• PC/SC • CT-API (thru wrapper on top of PC/SC)
Approvals	• FCC Class B part 15, CE • Microsoft® WHQL 2000, XP, Server 2003
Environmental	• 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