SCR331

The premier USB Solution

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 12 MHz (PPS, DI parameter) • Support ISO 7816 Class A and AB smart card
Smart Card Connector	• 8 contacts - ISO location • Certified for 100,000 insertions • Sliding contact
Human Interface	• One dual state green LED
Cable/Power	• Cable: 1.5m long with USB type A connector • Power through USB bus
Dimensions	• LWH 90 x 70 x 16.5 mm
Operating Temperature	• 0° to 50° Celsius
OS	•Windows ® 98, ME, 2000 and XP, Server 2003 •Windows ® CE • MacOS, Linux, Solaris
API	• PC/SC • CT-API (thru wrapper on top of PC/SC) • OCF upon request
Approvals	• FCC Class B part 15, cULus, CE, VCCI • USB • Microsoft® WHQL ME, 2000, XP, Server 2003 • EMV Level 1

Overview

The SCR331 is the first 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 Microsystems with the unique ability to offer high performance and cost effective solutions.

In addition, the SCR331 is the industry's first to offer on-board flash. This enables future firmware and application enhancements that guarantee against obsolescence.

The SCR331 offers the best price/performance ratio in the market.

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

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 80 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