

SCR333

USB Device Bay



Overview

The SCR333 is based on SCM Microsystems' STC II micro controller. It leverages and shares all the SCR331 features and benefits and fits into a standard 3.5 inches bay for easy integration. Together, these features provide SCM Microsystems with the unique ability to offer high performance and cost effective solutions. In addition, the SCR333 is the industry's first to offer on-board flash. This enables future firmware and application enhancements that guarantee against obsolescence. The SCR333 offers the best price/performance ratio in the market.

SCR333 Benefits

- On-board flash provides seamless firmware upgrades in the field
- 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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SCR333

Technical Data

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|-----------------------|---|
| 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 12 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 LED |
| Cable/Power | <ul style="list-style-type: none"> • 2.45mm (.100") Pitch, Single row, 5 pins connector • Power supply through USB bus |
| Dimensions | <ul style="list-style-type: none"> • 3.5 inches device bay, weight 70 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 • 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 Level1 upon 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 includes:

- 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

