

# SCR333

## USB Device Bay



### Technical Data

<b>Host Interface</b>	<ul style="list-style-type: none"><li>• Full speed USB (12 Mbps)</li><li>• Bus powered device</li><li>• CCID compliant</li></ul>
<b>Smart Card Interface</b>	<ul style="list-style-type: none"><li>• T=0, T=1 protocol support</li><li>• Memory card support through SCM MCARD API</li><li>• Communication speed up to 344,105 bps (PPS, FI parameter)</li><li>• Frequency up to 12 MHz (PPS, DI parameter)</li><li>• Support ISO 7816 Class A and AB smart card</li></ul>
<b>Smart Card Connector</b>	<ul style="list-style-type: none"><li>• 8 contacts - ISO location</li><li>• Certified for 100,000 insertions</li><li>• Sliding contact</li></ul>
<b>Human Interface</b>	<ul style="list-style-type: none"><li>• One dual state green LED</li></ul>
<b>Cable/Power</b>	<ul style="list-style-type: none"><li>• 2.45mm (.100") Pitch, Single row, 5 pins connector</li><li>• Power supply through USB bus</li></ul>
<b>Dimensions</b>	<ul style="list-style-type: none"><li>• 3.5 inches device bay</li></ul>
<b>Operating Temperature</b>	<ul style="list-style-type: none"><li>• 0° to 50° Celsius</li></ul>
<b>OS</b>	<ul style="list-style-type: none"><li>• Windows® 98, ME, 2000 and XP, Server 2003</li><li>• Windows® CE</li><li>• MacOS, Linux, Solaris</li></ul>
<b>API</b>	<ul style="list-style-type: none"><li>• PC/SC</li><li>• CT-API (thru wrapper on top of PC/SC)</li><li>• OCF upon request</li></ul>
<b>Approvals</b>	<ul style="list-style-type: none"><li>• FCC Class B part 15, cULus, CE, VCCI</li><li>• USB</li><li>• Microsoft® WHQL ME, 2000, XP, Server 2003</li><li>• EMV Level I upon request</li></ul>

### 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

### 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

US Headquarters  
SCM Microsystems Inc.  
466 Kato Terrace  
Fremont, CA 94539 USA  
email: [scmsales@scmmicro.com](mailto:scmsales@scmmicro.com)  
Phone +1 510 360 2300  
Fax +1 510 360 0211

European Headquarters  
SCM Microsystems GmbH  
Oskar-Messter-Str. 13  
D-85737 Ismaning, Germany  
email: [sales@scmmicro.de](mailto:sales@scmmicro.de)  
Phone +49 89 9595 5000  
Fax +49 89 9595 5555

SCM Microsystems Japan, Inc.  
8F Hirakawacho Ronstate, 2-11-1,  
Hirakawa-cho, Chiyoda-ku,  
Tokyo, Japan 102-0093  
email: [sales@scmmicro.co.jp](mailto:sales@scmmicro.co.jp)  
Phone +81 3 3511 8511  
Fax +81 3 3511 8516

SCM Microsystems France  
ZE Athélia II  
216, avenue du Serpolet  
13704 La Ciotat Cedex - France  
email: [sales@scmmicro.fr](mailto:sales@scmmicro.fr)  
Phone +33 442 838 000  
Fax +33 442 838 001

SCM Microsystems (Asia) Pte. Ltd.  
25 Serangoon North Ave 5  
#06-00 Keppel Digihub  
Singapore 554914  
email: [sales@scmmicro.com.sg](mailto:sales@scmmicro.com.sg)  
Phone +65 6551 5233  
Fax +65 6483 0210

SCM Microsystems India Pvt. Ltd.  
Module No. 0506, 0507 & 0508  
D' Block South, 5th Floor  
Tidel Park, 4 Canal Bank Road  
Taramani  
Chennai 600113, India  
email: [sales@scmmicro.co.in](mailto:sales@scmmicro.co.in)  
Phone +91 44 2254 0020  
Fax +91 44 2254 0029

