

SPR337 USB Combo Fingerprint & Smart Card Reader

Overview

The SPR337 combines a high performance biometric identification solution with smart card security using SCM Microsystems' STC II micro controller. Designed with customization in mind, this reader can use many of the leading fingerprint sensors available, as well as meeting customer casing, logo, and color requirements. Additionally, the SPR337 is fully compatible with both the industry standard biometric and smart card API's and will work with any application designed with these standards in mind. Software Developer Kits and onboard flash for firmware updates ensure compatibility with any future software releases. Overall, the SPR337 provides the best high performance, cost effective biometric/smart card security solution in the market.

SPR337 Benefits

- Designed to use many of the biometric industry's leading fingerprint sensors, based on customer's needs
- · On-board flash provides seamless firmware upgrades in the field
- Interfaces seamlessly with applications using the AuthenTec[®]'s biometric API and smart card PC/SC or CT-API
- · Fully tested and compliant with all major smart cards in the market
- · Customizing options: casing, colors, and company logo



USB



PC Security Solutions

U.S. Headquarters SCM Microsystems Inc. 466 Kato Terrace Fremont, CA 94539 USA E-mail 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 E-mail 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 E-mail 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 E-mail 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 E-mail sales@scmmicro.com.sg Phone +65 6451 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 E-mail sales@scmmicro.co.in Phone +91 44 2254 0020 Fax +91 44 2254 0029

www.scmmicro.com



SPR337

Technical Data

Host Interface	Full Speed USB (12 Mbps)
	High Bus powered device
Smart Card Interface	• T=0, T=1 protocol support
	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
	CCID compliant
Smart Card Connector	8 contacts - ISO location
	• 100,000 insertions
	Sliding contact
Sensor information	AuthenTec® AES4000
	up to 250 ppi resolution
	up to 52 frames/sec capture rate
	• 96 x 96 pixel detection matrix
	ESD resistant: ICE 61000-4-2 Level 4
Human Interface	1 dual state LED for smart card
	Bi color LED ring for fingerprint
Cable/Power	• 1.5 m with USB type A connector
	Power through USB bus
Dimensions	• LWH 104 x 72 x 30 mm, weight 120 grams
Operating Temperature	0° to 50° Celsius
OS	• Windows [®] 98, ME, 2000, XP, Server 2003
API	• PC/SC
	Biometric API compliant with AuthenTec®'s SDK
Approvals	FCC Class B part 15, UL/cUL, CE,VCCI
	Microsoft® WHQL 2000, XP, Server 2003
	• USB

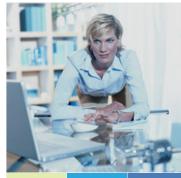
Technical data are subject to change without notice.

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



ALL INFORMATION CONTAINED IN THIS DOCUMENT IS PROVIDED "AS IS"; SCM ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY AND/OR COMPLETENESS. © SCM Microsystems Inc., 2005 0225 all rights reserved. SCM and SCM Microsystems are trademarks of SCM Microsystems Inc. All other trademarks are trademarks of their respective owners. In no event will SCM Microsystems Inc. be liable for damages arising directly or indirectly from any use of the information contained in this document. The SCM Microsystems Inc. homepage can be found at www.scmmicro.com