SPR337

USB Combo Fingerprint & Smart Card Reader

PC Security Solutions

Overview

The SPR337 combines the security of smart cards with a high-performance biometric identification solution. In consideration of customer requirements, the reader can use different fingerprint sensors.

The integrated on-board flash for seamless firmware updates as well as software developer kits ensure compatibility with all current relevant software releases. The SPR337 is fully compatible with both the industry standard biometric and smart card API and will work with any application designed with these standards in mind.

The SPR337 is currently one of the best and cost-effective biometric security solutions 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

Designed for Microsoft® Windows®XP Windows®2000

Designed for Microsoft® Windows® Server 2003, Windows®2000 Server

CERTIFIED USB

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 8 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 gram
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
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 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