

SPR337

USB Combo Fingerprint & Smart Card Reader



Technical data

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|----------------------|---|
| Host Interface | <ul style="list-style-type: none">• Full Speed USB (12 Mbps)• Bus powered device |
| Smart Card Interface | <ul style="list-style-type: none">• T=0, T=1 protocol support• Communication speed up to 115,200 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• Certified for 100,000 insertions• Sliding contact |
| Sensor Information | <ul style="list-style-type: none">• Authentec AES4000• 250-1000 dpi, selectable resolution• 52 frames/sec capture rate• 96 x 96 pixel detection matrix• ESD resistant: ICE 61000-4-2 Level 4 |
| Human Interface | <ul style="list-style-type: none">• 1 Dual State LED for smart card• Bi color LED ring for fingerprint |
| Cable/Power | <ul style="list-style-type: none">• 1.5 m with USB type A connector• Power through USB bus |
| Dimension | <ul style="list-style-type: none">• 104 x 72 x 30 mm |
| OS | <ul style="list-style-type: none">• Microsoft® Windows® 98, ME, 2000, XP |
| API | <ul style="list-style-type: none">• PC/SC• Biometric API compliant with Authentec's SDK |
| Approvals | <ul style="list-style-type: none">• FCC Class B part 15, UL/cUL, CE, VCCI• Microsoft® WHQL 98, ME, 2000, XP• USB• EMV Level I |

Overview

The SPR337 combines a high performance biometric identification solution with Smart Card security using SCM Microsystem's 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 on-board 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 standard 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

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 60 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

Availability

- Samples: July'03
- Production: September'03

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