

# SCR222

## PC Card Fingerprint Reader



### Overview

The SCR222 offers a high performance biometric identification solution for laptop security needs. Using the AuthenTec® AES4000™ fingerprint sensor, this reader provides superior image quality with TruePrint™ technology allowing the reader to obtain an accurate fingerprint image when others would fail. Additionally, the AuthenTec® sensor is fully compatible with the industry standard biometric APIs and will work with any application designed with this standard in mind. Software Developer Kits are also available to ensure compatibility with any future software releases. Overall, the SCR222 provides the best high performance, cost effective biometric security solution in the market.

### SCR222 Benefits

- TruePrint™ image technology provides high quality fingerprint resolution
- Robust steel casing with easily accessible pop-out sensor carriage design
- PCMCIA form factor makes it ideal for use on laptops
- Takes only one PCMCIA slot and can stay inserted even when traveling
- Interfaces seamlessly with applications using the AuthenTec® Biometric API
- Available with customer logo on label

### PC Security Solutions

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# SCR222

## Technical Data

|                       |  |
|-----------------------|--|
| Host Interface        | • PC Card 16 bit I/O   |
| Sensor Information    | • AuthenTec® AES4000<br>• up to 250 ppi resolution<br>• up to 52 frames/sec capture rate<br>• 96 x 96 pixel detection matrix<br>• ESD resistant: ICE 61000-4-2 Level 4 |
| Power                 | • 5 volt ± 0.25 volt   |
| Power Consumption     | • Standby: <50 mA Peak<br>• Imaging: <100 mA Peak  |
| Dimensions            | • LWH 86 x 54 x 5 mm, weight 30 grams<br>• PCMCIA Type 2   |
| Casing                | • Metallic PC Card casing with pop-out carriage  |
| Operating Temperature | • 0° to 50° Celsius  |
| OS                    | • Windows® 98 SE, ME, 2000, XP   |
| API                   | • Compliant with AuthenTec® API  |
| Approvals             | • FCC Class B part 15, UL/cUL, CE, VCCI<br>• Microsoft® WHQL 2000, XP  |

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

