SCR3311

Vertical Contact Smart Card Reader

The SCR3311 is primarily used as desktop and point of sales terminal. The optional heavy base makes it ideal for one-handed operation for smart card insertion and removal.

The 2 meter long USB cable allows the reader to be placed further away from the host PC system, supporting different set up needs (e.g. POS or banking counters).

Typical POS applications are loyalty programs, balance checks, point redemption, and e-Coupon applications.

With its vertical card slot, the SCR3311 is ideally suited for desktop use in applications such as logical access to computers and networks, digital signature authentication, electronic home banking, and e-Commerce.

SCR3311 Benefits

- ISO 7816 contact reader with vertical card insertion slot
- One-handed operation using optional heavy weight base
- Ideal for POS and desktop use
- In-field firmware updates
- Compliant with all major smart cards and relevant industry standards
- Customizable with various color options and the printing of company logos and brands
- Fully compatible with existing product family (SCR33xx) for seamless qualification and integration
- 2 meter cable allows for flexible reader placement

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Technical Data

Host Interface	• Full speed USB 2.0 (12 Mbps) • USB bus powered device • CCID compliant
Smart Card Interface	• T=0, T=1 protocol support • Memory card support through SCM MCARD API • Communication speed up to 344,105 bps (PPS, FI parameter) • Frequency up to 8 MHz (PPS, DI parameter) • Supports ISO 7816 Class A and AB smart cards • 8 friction contacts (ISO location) • 100,000 insertions
Human Interface	• Green LED
Software Interface	• PC/SC • CT-API (thru wrapper on top of PC/SC)
Operating Systems	• Windows Vista, XP, Server 2003, 2000, Me, 98 • Windows Vista, XP, Server 2003 (64-bit) • Windows CE 3.0, 4.1, 4.2, 5.0, 6.0 • Mac OS • Solaris • Linux 2.4.x, 2.6.x (32-bit and 64-bit)
Cable	• 2 m long with USB type A connector
Weight	• 440 g (heavy weight, optional) • 240 g (light weight, standard) • 132 g (ultra-light weight, optional)
Operating Conditions	• 0 to 50 °C • 90% humidity (non-condensing)
Funcional Approvals	• FCC Class B part 15, cULus, CE, ANZI, CNS • USB-IF • Microsoft WHQL 2000, XP, Server 2003
Environmental Approvals	• RoHS • WEEE

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, in conjunction with CardLogix, offers customization of products to suit any application's needs.

Readers By

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