



SCR333

3.5 Inch Bay Internal USB Contact Smart Card Reader



The SCR333 is especially suitable for integration into any standard 3.5 inch bay in PC's, workstations, thin client systems, and kiosks.

Typical applications for the SCR333 include secure logical access to computers and networks, secure authentication for business-to-business and business-to-consumer applications, and secure logon, such as e-mail encryption. Furthermore, it can be integrated into PC systems in the gaming industry and used for banking related applications.

SCR333 Benefits

- Easy integration into any standard 3.5 inch PC bay
- 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

Technical Data

Host Interface	<ul style="list-style-type: none"> • Full speed USB 2.0 (12 Mbps) • USB bus powered device • CCID compliant
Smart Card Interface	<ul style="list-style-type: none"> • 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 locations) • 100,000 insertions
Human Interface	<ul style="list-style-type: none"> • Green LED
Software Interface	<ul style="list-style-type: none"> • PC/SC • CT-API (thru wrapper on top of PC/SC)
Operating Systems	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 2.45 mm (0.100 in.) pitch, single row, 5-pin connector
Dimensions	<ul style="list-style-type: none"> • 120 x 101 x 25 mm (for 3.5 inch PC bay)
Weight	<ul style="list-style-type: none"> • 70 g
Operating Temperature	<ul style="list-style-type: none"> • 0 to 50 °C
Operating Humidity	<ul style="list-style-type: none"> • 90% (non-condensing)
Functional Approvals	<ul style="list-style-type: none"> • FCC Class B part 15, CE, VCCI • USB-IF • Microsoft WHQL 2000, XP, Server 2003 • EMV Level 1 (upon request)
Environmental Approvals	<ul style="list-style-type: none"> • 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.