



SCR335

USB Contact Smart Card Reader



The SCR335 is suitable for a wide range of applications and has been deployed in a large number of applications such as single sign-on and home banking.

Its small, compact size and rectangular shape makes the reader an ideal choice for OEM companies and system integrators. Mounting holes on the reader's backside makes it easy to integrate into different housings. OEM customers and IT companies can integrate the SCR335 into larger systems, supporting applications such as secure logical access to computers and networks and secure authentication for business-to-business and business-to-consumer applications.

SCR335 Benefits

- Very small and compact design
- Mounting options embedded on the backside of the reader
- 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) • 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
Smart Card Connector	<ul style="list-style-type: none"> • 8 friction contacts (ISO location) • 100,000 insertions
Human Interface	<ul style="list-style-type: none"> • Green LED
Cable	<ul style="list-style-type: none"> • 1.5 m long USB (Type A)
Power	<ul style="list-style-type: none"> • USB bus powered
Dimensions	<ul style="list-style-type: none"> • 66 x 48 x 11 mm
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)
OS's Supported	<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)
API	<ul style="list-style-type: none"> • PC/SC • CT-API (thru wrapper on top of PC/SC)
Functional Approvals	<ul style="list-style-type: none"> • FCC Class B part 15, cULus, CE, VCCI • Microsoft WHQL 2000, XP, Server 2003
Environmental Approvals	<ul style="list-style-type: none"> • RoHS • WEEE
Mechanical	<ul style="list-style-type: none"> • Wall-mount option on bottom casing with 2 female hex nuts (M3, 5.5 x 5.87 x 1.8 mm)

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.