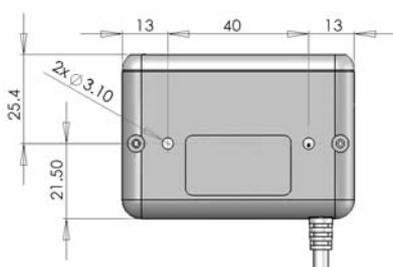# SCR335

PC-linked Contact Smart Card Reader

Features

• 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

• Customization options: Casing color and company logo OEM branding

• Software and functionality compatible with SCM´s SCR33xx readers family

Typical Applications

The SCR335 is suitable for a wide range of applications and has been deployed in large numbers for applications like home banking over the past years.

Its small and compact size and rectangular shape, makes the reader interesting for OEM companies and system integrators as the embedded mounting holes on the reader backside makes it ideal for integrating it into different housings. OEM customers or IT companies can integrate the SCR335 into larger systems, supporting applications such as secure logical access to computers and networks, secure authentication for Business-to-Business and Business-to-Consumer applications.

SCR335

Technical Data

Interfaces			
Host	USB	• Full speed USB 2.0 (12 Mbps) • USB Bus powered device • CCID compliant	
Smart Card	contact	• 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) • Support ISO 7816 Class A and AB smart card • 8 contacts - ISO location • 100,000 insertions • Friction contact	
Human	optical	• One green LED	
Software	API	• PC/SC • CT-API (thru wrapper on top of PC/SC)	
Operating Systems		• Windows® 7 • Windows® Vista, XP, Server 2008, Server 2003, 2000, ME, 98 • Windows® Vista, XP, Server 2008, Server2003 (AMD64/EMT64) • Windows® CE 3.0, 4.1, 4.2, 5.0, 6.0 • MacOS, Solaris, Linux 32-bit (2.4.x, 2.6.x)/64-bit	
Cable		• Cable: 1.5 meter long with USB type A connector	
Mechanical		• Wall-mount option on bottom casing with 2 female Hex Nut M3, 5.5 x 5.87 x 1.8 mm (see drawing)	
Dimensions	L x W x H [mm]	• 66 x 48 x 11	
Weight	[g]	• 70	
Operating Conditions	Temperature [°C] Humidity [%]	• 0 to 50 • 90 (non-condensing)	
Approvals	Functional	• FCC Class B part 15, CE, VCCI • Microsoft® WHQL 2000, XP, Server 2003	
	Environmental	• RoHS, WEEE	

Technical data are subject to change without notice.

The SCM Microsystems' Advantage

Trusted Partner

• ASIC (application specific IC) and smart card reader development experience since 1990

• Innovative solutions - more than 50 patents filed

• Reliable high-quality mass production capability - more than 15 Mio. reader solutions deployed to date

• Active role in standardization committees

• Complex project management expertise e.g. U.S. Department of Defense CAC program, electronic ID applications (ePassport, health card projects, national ID, driver licence)

Support

• Global presence and support

• Product customization options

• Product branding

• Dedicated Research & Development and customer support team

• Strong global partnership network with leading suppliers along the value chain

(smart card manufacturers, application providers, system integrators, device manufacturers)

Trusted Products

• Broadest portfolio of security technology products - for governments, corporations, financial institutions, small and medium-sized enterprises and individuals around the globe

• Secure smart chip reader design - certified and compliant to EMV, Common Criteria, PC/SC, USB

• High-quality products designed to meet the various requirements in the data security area

• Flexible and future proof solutions - SCM's SmartOS™ firmware and its own ASIC technology allow in Field upgrades and secure your investment