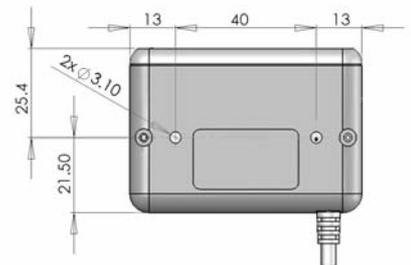


SCR335/SCR335v2.0

PC-linked Contact Smart Card Reader



Features

- Very small and compact design ISO7816 contact reader
- Mounting options embedded on the readers backside
- In field firmware updates (SCR335)
- Compliant with all major smart cards and relevant industry standards
- Customization options: Casing color and customized branding
- SmartOS™ firmware compatible with SCM's SCR33xx readers family

Typical Applications

The reader's 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/SCR335v2 into larger systems.

The reader is suitable for a wide range of applications that include:

- Secure logical access to computers and networks
- Secure authentication for B2B and B2C applications
- Digital signature
- Encryption of emails or documents
- Electronic home banking
- e-Commerce

Contact Reader

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SCR335/SCR335v2.0

Technical Data

Interfaces			SCR335	SCR335v2.0
Host	USB	<ul style="list-style-type: none"> • Full speed USB 2.0 (12 Mbps) • USB Bus powered device • CCID compliant • Cable 1,5m long with USB type A connector 		
Smart Card	Contact ISO7817	<ul style="list-style-type: none"> • T=0, T=1 protocol support • Memory cards • Communication speed (PPS, FI parameter) up to • Frequency up to 8 MHz (PPS, DI parameter) • Supports ISO 7816 smart card class • 8 contacts - ISO location • 100,000 insertions • Sliding contact 	500 kbps	412 kbps
Human	optical	<ul style="list-style-type: none"> • One green LED 		
Software	API	<ul style="list-style-type: none"> • PC/SC • CT-API (thru wrapper on top of PC/SC) • SCM MCARD API for memory cards 		
Mechanical		<ul style="list-style-type: none"> • 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 [%]	<ul style="list-style-type: none"> • 0 to 50 • 90 (non-condensing) 		
Approvals	Functional	<ul style="list-style-type: none"> • FCC Class B part 15, CE, VCCI • USB/IF • Microsoft® WHQL • EMV Level 1 upon request 		
	Environmental	<ul style="list-style-type: none"> • RoHS, WEEE 		
Operating Systems		<ul style="list-style-type: none"> • Windows® 7, Vista, XP, Server 2003, 2000, ME, 98SE • Windows® 7, Vista, XP, Server2003 (AMD64/EMT64) • Windows® CE 3.0, 4.1, 4.2, 5.0, 6.0 • MacOS, Solaris, Linux 32/64-bit 		

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

