

SCR333/SCR333v2.0

3.5 inch bay Internal PC-Linked Contact Smart Card Reader



Features

- ISO7816 contact reader with horizontal insertion slot
- Easy integration into any standard 3.5 " bay PC system.
- In field firmware updates (SCR333)
- SmartOS™ firmware compatible with SCM's SCR33xx readers family
- Compliant with all major smart cards and relevant industry standards
- Customization options: Customized branding

Typical Applications

The SCR333 and SCR333v2 are designed to be integrated into any standard 3.5 inch bay slots in desktop PCs, work stations, thin client systems, and kiosks.

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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SCR333/SCR333v2.0

Technical Data

Interfaces			SCR333	SCR333v2.0
Host	USB	<ul style="list-style-type: none"> • Full speed USB 2.0 (12 Mbps) • USB Bus powered device • CCID compliant • Cable 50cm with 5 pins connector for motherboard, 2.54mm (0.1") pitch 		
Smart Card	Contact ISO7816	<ul style="list-style-type: none"> • T=0, T=1 protocol support • Memory card support • 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 A, AB	412 kbps A, B, C
Human Software	Optical API	<ul style="list-style-type: none"> • One green LED • PC/SC • CT-API (thru wrapper on top of PC/SC) • SCM MCARD API for memory cards 		
Dimensions	L x W x H [mm]	• 120 x 101 x 25 (3.5 inches device bay)		
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 Level1 upon request 		
	Environmental	• 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

