SCR3311/SCR3311v2.0

Vertical Contact Smart Card Reader

Features

- ISO 7816 contact reader with vertical card insertion slot
- One hand operation with optional heavy weight base
- Ideal for POS and desktop use
- In field firmware updates (SCR3311)
- 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

This reader is primarily used as desktop and point of sales terminal. The heavy base makes it ideal for one hand operation for smart card insertion and removal.

Point of sales applications range from
- Loyalty programs / points redemption
- e-couponing
- Balance check
- Payment

Desktop applications 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

McAfee COMPATIBLE

SCR3311/SCR3311v2.0

Technical Data

Interfaces				SCR3311	3311v2.0
Host	USB	• Full speed USB 2.0 (12 Mbps) • USB Bus powered device • CCID compliant • Cable 2 m long with USB type A connector			
Smart Card	Contact ISO7816	• 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 A, AB	412 kbps A, B, C
Human	Optical	• One green LED			
Software	API	• PC/SC • CT-API (thru wrapper on top of PC/SC) • SCM MCARD API for memory cards			
Dimensions	L x W x H [mm]	• 95 x 64 x 85			
Weight	[g]	• 440			
Operating Conditions	Temperature [°C] Humidity [%]	• 0 to 50 • 90 (non-condensing)			
Approvals	Functional	• FCC Class B part 15, cULus, CE • USB-IF • Microsoft® WHQL • EMV 2000 Level 1 upon request		ANZI, CNS	
	Environmental	• RoHS, WEEE			
Operating Systems		• 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