

SCR3320

Personal Dongle Reader



Features

- Compact and lightweight dongle form-factor card reader
- Accepts cards in ID-000 (SIM sized) format
- 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 reader family

Typical Applications

The compact SCR3320 reads and writes all ISO 7816 compliant contact smart cards in ID-000 format.

The reader supports a variety of applications. Plugged in into any free USB port it is ideally suited for applications in the IT and data security domain such as secure network logon and email encryption, digital signature. It can also be used for managing SIM card content via PC applications.

Due to its compact design the SCR3320 is ideally suited as a mobile reader device which easily fits into the users pocket, or can be attached to a key ring.

Contact Reader

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SCR3320

Technical Data

Interfaces		
Host	USB	<ul style="list-style-type: none"> • Full speed USB 2.0 (12 Mbps) • USB Bus powered device • CCID compliant
Smart Card	contact	<ul style="list-style-type: none"> • T=0, T=1 protocol support (ID-000 format) • 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 • 6 contacts - ISO location • 5,000 insertions • Friction contacts
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)
Operating Systems		<ul style="list-style-type: none"> • Windows® 7 • Windows® Vista, XP, Server 2003, 2000, ME, 98 • Windows® Vista, XP, 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
Connector		<ul style="list-style-type: none"> • USB type A connector
Dimensions	L x W x H [mm]	• 70 x 20 x 10
Weight	[g]	• 10
Operating Conditions		<ul style="list-style-type: none"> • 0 to 50 • 90 (non-condensing)
Approvals		<ul style="list-style-type: none"> • FCC Class B part 15, CE, VCCI • USB-IF • Microsoft® WHQL 2000, XP, Server 2003
Environmental		<ul style="list-style-type: none"> • 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

