

SCR339

Cost-efficient keyboard with integrated ID1 contact smart card reader



Features

- 2 in 1 keyboard with 104 keys and integrated ISO 7816 ID1 smart card reader
- Class 2 smart card reader for secure PIN entry
- Upgradable SmartOS™ firmware
- Easy installation, fully Windows® Plug & Play and CCID compliant
- Unique serial number (UID)
- Slim design with different language layouts and customization options

Typical Applications

The SCR339 keyboard includes a smart card reader suitable for a wide range of applications, such as:

- Secure access to PCs and networks
- Authentication for web services such as home banking or electronic payments
- Digital signing of documents and transactions
- Data encryption

Contact Reader

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Technical Data

Interfaces		
Host	USB	<ul style="list-style-type: none"> • Full speed USB 2.0 (12 Mbps) • Bus powered device
Smart Card	contact	<ul style="list-style-type: none"> • ISO 7816 ID1 format • T=0, T=1 protocol support • Communication speed up to 344,105 bps (PPS, FI parameter) • Memory card support through SCM MCARD API • Voltage Class A and AB support • Friction contacts
Keyboard		<ul style="list-style-type: none"> • 104 keys • Membrane keyswitch with tactile feedback • key pads Tamper printed • Complies with ergonomic requirements
Human	Optical	<ul style="list-style-type: none"> • Keyboard: 3 LEDs, Num Lock, Scroll Lock, Cap Lock • Smart Card: One dual state LED
Software	API	<ul style="list-style-type: none"> • PC/SC 2.01 • CT-API (thru wrapper on top of PC/SC)
Operating Systems		<ul style="list-style-type: none"> • Windows® 7, Vista , XP, 2000 • Linux
Cable/Power		<ul style="list-style-type: none"> • Cable: 2.0 meter long with USB type A connector
Dimensions	L x W x H [mm]	• 467 x 163 x 36.6
Weight	[g]	• 650
Operating Conditions	Temperature [°C]	• 0 to 50
	Humidity [%]	• 90 (non-condensing)
Approvals	Functional	<ul style="list-style-type: none"> • FCC Class B part 15, CE • USB • Microsoft® WHQL 2000, XP • EMV 2000 Level 1
	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

