SCR3340

ExpressCard54™ Contact Smart Card Reader

Features

- ISO7816 contact card reader
- Robust metal casing with open-end mouth for convenient smart card insertion/removal
- USB2.0 full-speed interface and standard USB2.0 driver architecture
- Smaller and lighter than a PCMCIA card reader
- In field firmware updates
- Compliant with all major smart cards and relevant industry standards
- Customization options: Company logo OEM branding on the label

Typical Applications

The SCR3340 is available for built-in integration into notebooks, PDAs, Thin-Client systems and into Express Card54™ Adapters for PC systems. It is suitable for a wide range of applications, e.g. home banking, network security, secure logon, email encryption, online gaming, as well as online loyalty points redemption and other PC related applications.

Its robust metal casing ensures highest durability in all conditions.

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Technical Data

Interfaces			
Host	USB		• ExpressCard 54 • Full speed USB 2.0 (12 Mbps) • USB Bus powered device • CCID compliant
Smart Card	contact		• T=0, T=1 protocol support • Memory card support through SCM MCard API • Communication speed up to 344,105 bps (DI) • Frequency up to 8 MHz (FI) • Support ISO 7816 Class A and AB smart card • 8 contacts - ISO location • 50,000 insertion/removal cycle • Friction contact
Software	API		• PC/SC • CT-API (thru wrapper on top of PC/SC)
Operating Systems			• Windows® Vista, XP, Server2003, 2000, ME, 98 • Windows® Vista, XP, Server2003 (AMD64/EMT64) • Windows® CE 3.0, 4.1, 4.2, 5.0, 6.0 • MacOS X • Linux 32-bit (2.4.x, 2.6.x) / 64-bit
Connector			• 26 pins ExpressCard edge connector
Dimensions	L x W x H [mm]		• 75 x 54 x 5 (ExpressCard 54)
Weight	[g]		• 25
Operating Conditions	Temperature [°C] Humidity [%]		• 0 to 50 • 90 (non-condensing)
Reliability/MTBF			• > 100,000 hrs as per MIL-HDBK-217F
Approvals	Functional		• FCC Class B part 15, UL, CE • USB-IF • Microsoft® WHQL 2000, XP, Server2003 • ExpressCard • 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