



SCR3340

ExpressCard/54™ Contact Smart Card Reader



The SCR3340 is available for built-in integration into notebooks, PDAs, Thin-Client systems, and ExpressCard/54™ Adapters for PC systems.

It is suitable for a wide range of applications such as home banking, network security, secure logon, e-mail encryption, online gaming, online loyalty points redemption, and many other PC-related applications.

SCR3340 Benefits

- ISO 7816 contact card reader
- Robust metal casing ensures highest durability in all conditions
- Open-ended mouth for convenient smart card insertion/removal
- USB 2.0 full speed interface and standard USB 2.0 driver architecture
- Smaller and lighter than a PCMCIA card reader
- In-field firmware updates
- Compliant with all major smart cards and relevant industry standards
- Customizable with various color options and the printing of company logos and brands



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Technical Data

Host Interface	<ul style="list-style-type: none"> • ExpressCard/54 • Full speed USB 2.0 (12 Mbps) • USB bus powered device • CCID compliant
Smart Card Interface	<ul style="list-style-type: none"> • 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) • Supports ISO 7816 Class A and AB smart cards • 8 friction contacts (ISO locations) • 50,000 insertion/removal cycle
Software Interface	<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 Vista, XP, Server 2003, 2000, Me, 98 • Windows Vista, XP, Server 2003 (64-bit) • Windows CE 3.0, 4.1, 4.2, 5.0, 6.0 • Mac OS X • Linux 2.4.x, 2.6.x (32-bit and 64-bit)
Connector	<ul style="list-style-type: none"> • 26-pin ExpressCard edge connector
Dimensions	<ul style="list-style-type: none"> • 75 x 54 x 5 mm (ExpressCard/54)
Weight	<ul style="list-style-type: none"> • 25 g
Operating Conditions	<ul style="list-style-type: none"> • 0 to 50 °C • 90% humidity (non-condensing)
Reliability/MTBF	<ul style="list-style-type: none"> • Over 100,000 hours, per MIL-HDBK-217F
Functional Approvals	<ul style="list-style-type: none"> • FCC Class B part 15, UL, CE • USB-IF • Microsoft WHQL2000, XP, Server 2003 • ExpressCard • EMV 2000 Level 1
Environmental Approvals	<ul style="list-style-type: none"> • RoHS • WEEE

The SCM Microsystems Advantage

SCM Microsystems brings over a decade of experience in ASIC and smart card reader development to this unique product. With its dedicated Research and Development team and a true global presence, SCM Microsystems delivers high quality products catering to the various requirements in the security field. SCM, in conjunction with CardLogix, offers customization of products to suit any application's needs.