

# SCR241

## The Premier Mobile Computing Solution



### Technical data

Host Interface	<ul style="list-style-type: none"><li>• PC-Card 8 bit I/O 5V</li><li>• PCMCIA Type II</li></ul>
Smart Card Interface	<ul style="list-style-type: none"><li>• T=0, T=1 protocol support</li><li>• Memory card support through SCMMCARD API</li><li>• Communication speed up to 344,105 bps (PPS, FI parameter)</li><li>• Frequency up to 12 MHz (PPS, DI parameter)</li><li>• Support ISO 7816 Class A and AB smart card</li></ul>
Smart Card Connector	<ul style="list-style-type: none"><li>• 8 contacts - ISO location</li><li>• Certified for 100,000 insertions</li><li>• Sliding contact</li></ul>
Power	<ul style="list-style-type: none"><li>• 68 pins PCMCIA connector</li><li>• Power through PCMCIA interface</li></ul>
Dimension	<ul style="list-style-type: none"><li>• LWH 84.5 x 54 x 5 (mm)</li></ul>
Operating Temperature	<ul style="list-style-type: none"><li>• 0° to 50° Celsius</li></ul>
OS	<ul style="list-style-type: none"><li>• Windows® 98, Me, NT4, 2000, XP and CE</li><li>• Linux</li><li>• MacOS X</li></ul>
API	<ul style="list-style-type: none"><li>• PC/SC</li><li>• CT-API (thru wrapper on top of PC/SC)</li><li>• OCF upon request</li></ul>
Approvals	<ul style="list-style-type: none"><li>• FCC Class B part 15, cULus, CE, VCCI</li><li>• Microsoft® WHQL Me, 2000, XP</li><li>• EMV Level I</li></ul>

### Overview

The SCR241 is designed to meet requirements of mobile users.

The SCR241's patented design fits effortlessly into a standard PCMCIA Type II slot and offers an easy smart card insertion mechanism for your convenience.

In addition, the SCR241 is the industry's first to offer on-board flash, allowing future firmware and application enhancements that guarantee against obsolescence.

### SCR241 Benefits

- Robust steel casing with easy smart card insertion mechanism
- Takes only one PCMCIA slot and can stay inserted even when traveling
- EMV Level I AND PC/SC certification based on a single solution
- On-board flash provides seamless firmware upgrades in the field
- High performance
- Fully tested and compliant with all major smart cards in the market
- Branding option available

### The SCM Microsystems Advantage

SCM Microsystems brings over a decade of experience in ASIC and Smart Card Reader development to this unique product, including:

- More than 60 patents
- Support for all current and emerging international standards
- Customer base of global, top tier PC OEMs, systems integrators and Smart Card industry leaders
- Industry endorsed SmartOS™ middleware
- Direct significant long-term relationships with all leading Smart Card manufacturers and application providers
- High quality mass production capability

### Status

- To be replaced by SCR243

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