



SCR243

Article number: 775-0039-01

Short product description

Secure Card Reader von SCM

Product description

The SCR243 SmartCard reader allows comfortable working without any interfering cables and with that is ideal for mobile users. The patented design fits effortlessly into a standard PCMCIA Type II slot and offers an easy SmartCard insertion mechanism for your convenience.

The SmartCard reader provides secure access to sensitive data; it can be used for secure online banking, e-Mail encryption as well as digital signatures. The EMV certification recommends the reader especially for applications with banking or credit cards.

The SCR243 is based on SCM STC II controller chip that supports multiple interfaces, multiple reader devices and all relevant security standards. The STC II chip was the industry first to offer On-board Flash, allowing future firmware and application enhancements.

Technical specifications

Host Interface

- PC-Card 8 bits I/O 5V
- PCMCIA Type II

SmartCard Interface

- T=0, T=1 protocol support
- Memory card support through SCM MCard API
- 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 SmartCard

SmartCard Connector

- 8 contacts - ISO location
- 100,000 insertions
- Sliding contacts

Power

- 68 pins PCMCIA connector

- Power through PCMCIA interface

Dimensions: LWH 85.6 x 54 x 5 mm

Weight: 30 grams

Operating Temperature: 0° to 50°C

Operating System

Windows 95

Windows 98

Windows 98 SE

Windows ME

Windows NT

Windows 2000

Windows XP 32-bit

Windows XP 64-bit

Windows Vista 32-bit

Windows Vista 64-bit

Windows 7 32-bit

Windows 7 64-bit

Windows 8 32-bit

Windows 8 64-bit

Windows 2003 Server 32-bit

Windows 2003 Server 64-bit

Windows 2008 Server 32-bit

Windows 2008 Server 64-bit

Windows CE 4.2. 5.0

Linux, MacOS X

API

PC/SC

CT-API (through wrapper on top of PC/SC)

Approvals

FCC Class B part 15, cULus, CE, VCCI

Microsoft WHQL 2000, XP, Server 2003

EMV 2000 Level 1

Environmental

ROHS

WEEE

Packaging content

SCR243

Hardcase

WITHOUT application software