

CardMan® serial 3111

Smart cards are increasingly being used for payments, home-banking, access control, internet security, PKI-tokens, healthcare, loyalty, etc.

OMNIKEY's CardMan® product family facilitates the use of smart cards with PCs, notebooks, servers, personal organizers and set-top-boxes.

CardMan® was the first smart card reader worldwide to be certified by Microsoft with the "Designed for Microsoft Windows" logo.



Optional: horizontal

Base usage

Optional: without base

CardMan® 3111 is designed to meet all major standards like ISO 7816, EMV (Europay, MasterCard, Visa) 2000, Microsoft WHQL, PC/SC, HBCI (Home Banking Computer Interface), the PC-2001 Specification and many more.

The usage within an application is based on standardized interfaces like PC/SC, OCF (Open Card Framework) or CT-API.

Following features make the CardMan® 3111 the perfect answer to the increasing demands of many applications:

Smart Card Interface

- Compliant with ISO 7816 and EMV 2000
- Support of T=0, T=1, I²C (S=8), 2-wire: SLE 4432/42 (S=10), 3-wire: SLE4418/28 (S=9), SLE 4404, others on request
- High performance smart card interface (up to 420 Kbps when supported by card)
- Smart card clock frequency up to 8 MHz
- Supports 5V, 3V and 1,8V smart cards
- Supply current 60 mA to power the smart card
- Smart card movement detection with auto power-off
- Automatic detection of smart card type
- Short circuit and thermal protection
- 8 pin handling (C4/C8 supported)

Host Interface

- RS232 (serial COM port)
- Cable length 180 cm

Compliance

- WHQL (Microsoft) certified
- EMV 2000 certified
- ISO 7816
- HBCI

Other Features

- LED status indicator (Green: ready; Red: busy)
- Light base +attachment pad for mounting the reader (e.g. on a monitor)

PC/SC Driver Support

- Windows 98 / ME
- Windows NT 4.0
- Windows 2000
- Windows XP
- Linux

Options

- Heavy base for desktop usage supporting both vertical and horizontal card insertion

OEM

- customer specific logo
- customer specific colors

