

CardMan® trust 8630

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



CardMan® 8630 is designed to meet all major standards like ISO 7816, EMV 3.1.1 (Europay, Mastercard, Visa), Microsoft WHQL, USB, PC/SC, HBCI (Home Banking Computer Interface), the PC-2001 Specification and many more. The reader is ZKA-VÖB approved to enable internet payment with GeldKarte.

The CardMan® 8630 is a class 3 / 4 smart card reader which has a built-in security module in addition to a display and a 16 keys PIN pad for Secure PIN Entry (SPE).

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® 8630 the perfect answer to the increasing demands of many applications:

Smart Card Interface

- Compliant with ISO 7816 and EMV 3.1.1
- Support of T=0, T=1
- Transmission speed up to 115 Kbps (when supported by card)
- Supports 5V & 3V 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

Host Interface

- RS 232 (=serial COM port) or USB (compliant with USB 1.1)
- Transmission speed: UHCI: 64 Kbps OHCI 1 Mbps
- Bus powered
- Cable length 180 cm

Compliance

- WHQL (Microsoft) certified
- PC/SC
- EMV 3.1.1 certified
- USB 1.1
- ISO 7816
- HBCI
- ZKA-VÖB

Other Features

- 16 keys PIN Pad
- 2 x 16 character display
- 1 digit secure mode indicator

PC/SC Driver Support

- Windows 98
- Windows ME
- Windows 2000
- Windows XP

OEM

- customer specific logo
- customer specific colors

