

USB 2020

Smart Cards are increasingly being used for Payments (e.g. Mondex, Visa-Cash, Amex, GeldKarte), Home-Banking, Access Control, Internet-Security, PKI-Tokens, Healthcards, Loyalty etc.

OMNIKEY's CardMan® productfamily facilitates the use of Smart Cards with PCs, Notebooks, Servers, Personal Organizers and Set-Top-Boxes.

CardMan® is designed to meet all major standards like PC/SC, ISO 7816, GSM 11.11, Home Banking Computer Interface (HBCI), the PC-99 Specification and many more.

CardMan® was the world's first Smart Card Reader to be certified by Microsoft with the "Designed for Microsoft Windows" logo.

Please ask for latest information for specific application approvals.

The usage within an application is based on standardized interfaces like PC/SC, OCF (OpenCard Framework) or CT-API. Native support also allows for non-standard environments usage.

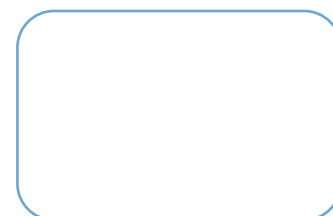
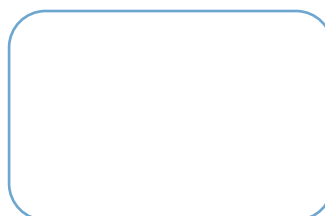
Generally drivers are available for: Windows 95 and 98, Windows NT, Windows 2000, Windows ME and Linux.

CardMan® is designed as an OEM-product. The technology is also available as Chip-Sets.

Intelligent USB-Smart Card Reader in compact housing

Connection	USB (Universal Serial Bus)
Cable length	180 cm
Power supply	USB
Card Contacting Unit	100 000 insertion cycles
Card power supply	60 mA
Status Indicator	Duo-LED
Transmission Speed	with PC: UHCI 64 KBit/sec, OHCI 1 MBit/sec with Card: 9 600 - 115 200 Baud
Protocols	T=0, T=1, T=14 SLE4418, SLE4428, SLE4432, SLE4442 Others on request
Drivers	PC/SC, CT-API
Operating Systems	Windows 98, Windows 2000, Linux Others on request
Certifications	PC/SC, Mondex level 1 type approval
OEM	OEM-Logo possible Customer-specific colors
Options	Standing Base

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Designed for



* HBCI-Kernel is a registered trademark of SIZ GmbH, Bonn and GAD eG, Münster.

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