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Smart Cards are increasingly being used for applications such as Payments (e.g. Mondex, Visa-Cash, Amex, GeldKarte), Home-Banking, smartcard based Authentication (SingleSignOn), Digital Signature Internet-Security, e-commerce, PKI-Tokens, Healthcards, Loyalty etc.

OMNIKEY's CardMan® product-family 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 about 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 XP.

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

Intelligent Smart Card Reader in compact housing

Connection	RS232 (= serial COM Port)
Cable length	180 cm
Power supply	from PS/2 keyboard interface
Card Contacting Unit	100 000 insertion cycles
Card power supply	60 mA
Status Indicator	Duo-LED
Transmission Speed	with PC: 9 600 - 115 200 Baud with Card: 9 600 - 115 200 Baud
Protocols	T=0, T=1, I ² C SLE4418, SLE4428, SLE4432, SLE4442
Drivers	PC/SC, CT-API
Operating Systems	Windows 95, 98, NT 4, Windows 2000, ME and XP; Others on request
Certifications	PC/SC
OEM	OEM-Logo possible Customer-specific colors
Options	Standing Base

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

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