CHIPDRIVE ® micro

Technical Data

Host Interface	• Serial: PC, RS232, V.24
Power Supply	• CHIPDRIVE® micro 100 and 110: PS/2 • CHIPDRIVE® micro 120: battery
Mouse Splitter	• CHIPDRIVE® micro 110 and 120
Smart Card Interface	• T=0, T=1 protocol support, 2-wire, 3-wire, I²C and more than 40 memory cards • T=0: 4,800 .. 38,400 Baud (PTS) • T=1: 4,800 .. 115,200 Baud (PTS) • Sync. protocols: 4,800 .. 11,5200 Baud • Card frequency: 3.57 MHz
Smart Card Connector	• Approx. 50,000 mating cyles • Sliding contacts
Human Interface	• One state red LED
Dimensions	• LWH 66 x 48 x 11 mm
Operating Temperature	• -10° to +50° C
OS	• Windows® 95/98/Me, NT4.0, 2000, XP

API	• PC/SC (Microsoft®)
	• NETS (Singapore)
	• OCF (OpenCard Framework)
	• CT-API V1.1
	  - MKT/BCS
	  - partial B1-command set
	  - EUTELIS-compatible
	• SCARD interface
	• ORGA emulation (T=1)

Approvals	• FCC, CE 89/336 • Microsoft® WHQL • HBCI compliant

Designed for
Microsoft®
Windows®2000
Professional
Windows® 98

Overview

The miniature smart card reader CHIPDRIVE® micro gives read and write access to almost all types of smart cards. There is no need for batteries or an additional power supply, the power for the smart card reader is provided by the PC.

The CHIPDRIVE® card reader offers extensive driver support for PC/SC, CT-API, OCF or SCARD and is among other things applicable for home banking (based on the German standard HBCI).

CHIPDRIVE® micro Benefits

• Read and write access to all processor and more than 40 memory smart cards
• PC/SC, CT-API, OCF, JAVA, SCARD compatible
• Comprehensive driver support
• Customizing options: casing, colors, and company logo

The SCM Microsystems' Advantage

SCM Microsystems brings over a decade of experience in ASIC and smart card reader development to this unique product, including:

• More than 80 patents
• Support for all current and emerging international standards
• Customer base of global, top tier PC OEMs, systems integrators and smart card industry leaders
• Industry endorsed SmartOS™ middleware
• Direct significant long-term relationships with all leading smart card manufacturers and application providers
• High quality mass production capability

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