Practical Card Solutions

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Smart Card Development Kit

ACR 80 Smart Card Development Kit

Provides tools and materials to develop custom smart card applications using cards, readers and PCs.

The kit is a complete package that is suitable for experienced developers as well as beginners. It is an excellent resource for training and for those who want to know more about smart card technology

Purchase Price: Call

Contents	
ACR80 Smart Card Terminal	• Two ISO7816 compatible smart card interfaces • Two ISO7816 compatible SAM card interfaces • Supports MCU cards with T=0, T=1 protocol • Supports SLE 4418/28/32/42 memory cards • Serial RS-232 or USB interface • 122x32 dots LCD full graphic display with LED backlight • Adjustable LCD contrast • Internal display buffer allows free graphic modification with only one time drawing • 16-key keypad with extremely high durability • Tamper sensing switch • Buzzer with software switching control • Real time clock • 32K bytes EEPROM
10 Test Cards	• 10 x ACOS2 microprocessor-based card with DES/Triple DES and MAC security capability, 8K EEPROM for user data

CD ROM	**Software drivers supporting Windows 98, Me, NT (serial), 2000, and XP**
	• Proprietary device driver to facilitate easy application development
	Demo programs (include source code) to showcase smart card features and capabilities
	• ACS smart bank using the ACOS2 card as ATM card (Name, password and stored credit) • Smart casino using the ACOS card as a token card • Taximeter demo • Access control demo
	Evaluation software - ACR80 Cardtool
	• Facilitates easy transfer of data to various memory locations on the card • Provides a convenient test facility to evaluate card response to different data
	Training materials useful to both novice and experienced users
	• Introduction to smart cards and smart card application development • Introduction to PC/SC • Cryptographic security concepts • Electronic Purse applications • Overview of several specific types of smart cards
	Sample code written in various programming languages
	• Used to demonstrate basic commands used to communicate with the card and reader • Visual Basic, Visual C++, Delphi