



## ACR83-Pineasy Smart Card Reader



### Product Information ➤

ACR83 PINEasy is a USB reader featuring a keypad and display, supporting Secure PIN Entry (SPE). The PIN (Personal Identification Number) is entered on its keypad securely and then authenticated within the device. Since the PIN is entered into the secure ACR83 PINEasy rather than the vulnerable PC or workstation, the possibility that a Virus/Trojan or USB Sniffer gets hold of the PIN is eliminated.

Fitting on the palm of your hand, the ACR83 PINEasy is one of the smallest PIN-pad readers in the market. To authenticate yourself, all you have to do is to connect the reader to USB port of the PC, insert the smart card, follow the command on the LCD and enter your PIN. Additionally, the ACR83 PINEasy is compliant with major computing, banking and safety standards such as Microsoft WHQL (Windows Hardware Quality Labs), PC/SC, EMVCo Terminal Level 1, CE and FCC, equipping ACR83 to a device that you can trust in!

### Technical Specification ➤

- . Operate in online mode
- . USB Full Speed (12 Mbps)
- . 14-key Keypad
- . 2 rows x 16 characters dot matrix LCD, each character is 5x8 dots
- . Support all Full-sized Microprocessor Cards ,T=0 or T=1 Protocols ISO-7816 Class A, B and C (5V, 3V, 1.8V) Cards
- . Supports PPS (Protocol and Parameters Selection)
- . Support Secure PIN Entry (SPE)
- . Short Circuit Protection
- . CCID compatible
- . Certifications/ Compliances:ISO-7816, PC/SC, EMV Level 1,CE, FCC, WHQL and RoHS Compliant

### Typical Applications➤

- . Home Banking and Home Shopping
- . E-commerce
- . Online gaming
- . Loyalty Program
- . Stored value
- . Identification
- . Ticketing
- . Parking and toll collection
- . Automatic Fare Collection