



ACR38k- Smart keyboard



Product Information ➤

The ACR38K Smart Keyboard combines smart card reader technology with a normal desktop keyboard enabling you to easily implement smart-card-based systems or applications in PC environment. The ACS smart card readers utilize the latest in smart card technology bringing you high security for your confidential files. Combined with ACS versatile smart card reader/writer, the normal keyboard is transformed into a new product - the ACR38K. The Smart Keyboard is a highly powerful component for security, e-commerce, and other applications.

Technical Specification ➤

- . Full speed interface to PC with simple command structure
- . Read and write all microprocessor cards with T=0, T=1 protocols
- . Support most of the popular memory card types in the market:
- . Cards following the I2C bus protocol (free memory cards) such as:
 - Atmel:** AT24C01 / 02 / 04 / 08 / 16 / 32 / 64 / 128 / 256 / 512 / 1024
 - SGS-Thomson:** ST14C02C, ST14C04C
 - Gemplus:** GFM1K, GFM2K, GFM4K, GFM8K
- . Cards with intelligent 256 bytes EEPROM and write protect function: SLE4432, SLE4442, SLE5532, SLE5542
- . Cards with intelligent 1K bytes EEPROM and write-protect function: SLE4418, SLE4428, SLE5518, SLE5528
- . Cards with "104" type of EEPROM (non reloadable token counter cards): SLE4406, SLE4436, SLE5536, SLE6636
- . Secure memory cards such as: AT88SC153, AT88SC1608
- . Short Circuit Protection
- . RoHS Compliant
- . Supports PPS (Protocol and Parameters Selection) with 1,743,250,000 bps in reading and writing smart cards
- . Certificate of conformance: EN 60950/IEC 60950, ISO-7816, PC/SC, CE, FCC, Microsoft WHQL, EMV certified
- . Support ISO-7816 Class A, B and C (5V, 3V, 1.8V) cards

Typical Applications ➤

- . Home Banking and Home Shopping
- . E-commerce
- . Checking the balance of electronic purses
- . Network access control
- . Software Licensing
- . Digital signature
- . Loyalty Program
- . Stored value
- . Identification
- . Ticketing
- . Parking and toll collection
- . Online gaming
- . Automatic Fare Collection
- . Physical Access Control