



ACR38-PC Linked Smart Card Reader



Product Information ➤

The ACR38 Smart Card Reader, with USB Full Speed, is compliant to ISO-7816 and EMV Level 1 . It supports ISO-7816 Class A, B and C (5V, 3V and 1.8V) cards, including all microprocessor cards with T=0, T=1 protocols as well as most of the popular memory cards in the market. The ACR38 Smart Card Reader also has an optional built-in Security Access Module (SAM) slot that supports various high security applications. It is ideal for use in network security, electronic payment systems, electronic identifications as well as other advanced smart card 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