



ACR38F- Floppy bay smart card reader



Product Information ❖

The ACR38F Smart Floppy is the ideal solution for easy integration of a smart card reader in a desktop environment. It uses the same core as the ACR38 Smart Card Series and shares the same versatility and cost-effectiveness that customers have always associated with ACS smart card readers. Using the USB interface, it uses the PC's internal power supply, and can be configured in several ways to suit your preference. Similar to ACR38, the ACR38F Floppy Bay Smart Card Reader is simple to use and to install. It is ideal for electronic commerce, home banking or e-purse facilities, secure computer access or any of a multitude of 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



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