



ACR38T-Plug-in (SIM-sized) card reader



Product Information ➤

The ACR38T, a smart card reader/writer with USB full speed, serves as the interface for the communication between a computer and a SIM-sized smart card. It is a small and compact but powerful USB smart card reader designed to work with SIM-sized smart cards (Plug-in card) making it highly suitable for portable applications.

The ACR38T plugs into the USB port and requires no additional cable or wiring. It supports smart cards conforming to ISO-7816 and GSM 11.11 specification. The ACR38T is the smart choice for your smart card applications!

Technical Specification ➤

- . Full speed interface to PC with simple command structure
- . Supports SIM-sized cards
- . 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