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ACR100- Sim Flash(CCID) PC Linked reader with mass storage



Product Information ✚

More than just a SIM card reader, the ACR100 SIMFlash (CCID) also has a built-in 1-GB flash memory. Designed both to access SIM cards and for data or application storage, it is ideal for GSM solutions such as GSM management software and VoIP applications, electronic payment systems, e-commerce, home banking, transportation, and computer/network access.

i) Serves as a Plug-In (SIM-Sized) Smart Card Reader:

The ACR100 SIMFlash (CCID) is a reliable and cost-effective smart card reader for security-related applications. It is a USB full-speed plug-in card reader that, with the paired mass storage, enables you to do more than simply back up and manage your SIM card information on the PC. It supports most memory cards, MCU cards with T=0 and T=1 protocols, and GSM cards conforming to Spec 11.11.

ii) Serves as a Mass Storage Device:

Furthermore, the ACR100 SIMFlash (CCID) is also a mass storage device. Being highly portable - with a dimension of 77 mm x 23 mm x 10 mm - makes it a perfect companion wherever you go. There is no need for additional cable and power supply as well since the device is bus-powered. Various options for partitioning the flash drive are also available - CD-ROM, boot disk and public, and lock and hidden areas can all be realized in the same device.

iii) Plug and Play Feature

More than being Mass Storage Device Class compatible, the smart card reader component of the ACR100 SIMFlash (CCID) has USB CCID (Chip/Smart Card Interface Devices) compliance, which reduces driver installation issues.

Technical Specification ✚

- . USB combo device - works as smart card reader and mass storage
- . USB 2.0 Hi-Speed interface for flash and USB 1.1 Full-Speed interface for smart card reader
- . Bus-powered - no need for separate power supply or battery
- . Plug and play - CCID support brings utmost mobility
- . With protective USB cap and keychain loop
- . Smart Card Reader:

- Supports plug-in (SIM-sized) cards
- Supports ISO 7816 Class A, B and C (5 V, 3 V, 1.8 V) cards
- Read and write all microprocessor cards with T=0, T=1 protocols
- Supports SLE 4418/28/32, SLE 5542 memory cards - for CCID version only
- Supports most common memory-based smart cards, including I2C bus protocol cards (from 1k bits up to 1024k bits) and secure memory cards (Atmel AT88SC153 and AT88SC1608) - for CCID version only
- Supports Spec 11.11-compliant GSM cards
- Supports PPS (Protocol and Parameters Selection)
- Short circuit protection

. Flash Drive: Mass Storage Device Class compatible

- Built-in 1 GB flash memory (Other memory sizes from 128 MB to 4 GB are available upon request)
- Up to 3 partitions (private/security, public and CD-ROM/auto-run, and hidden)
- Read/ Write Speed: Up to 9 Mbps / 3 Mbps (Faster speed available upon request)

- . Compliant with the following International Standards: ISO 7816, PC/SC, Microsoft WHQL, FCC, CE and RoHS