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USB smart card readers with flash memory



Smart Card Readers



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SIM Pocket Combo

Smart Card Reader + SIM Card Reader + Flash Memory



Smart Pocket Combo

Smart Card Reader + Flash Memory



SIM Reader Combo

SIM Card Reader + Flash Memory



The innovatory smart card readers, in USB key format, combine the following elements into diverse configurations:

**smart card reader
flash memory
sim card reader**

The compact size makes them pocket, multipurpose, perfect devices for transferring both applications and personal data into the memory area that can reach a maximum capacity of 512 MB. The smart card reader is CCID compliant. The storage disk is managed as a logic unit added to the system resources and immediately recognized when the key is inserted. The whole area is optionally subdivided into 8 partitions, to be chosen among the following types:

- **Standard Mass Storage**, where data can be stored and visualized;
- **CD-ROM**, with Autorun function;
- **Encrypted Mass Storage**, with AES 256 bit;
- **Write-protected Mass Storage**, that is a read-only partition;
- **Read- and write-protected Mass Storage**

Only one standard mass storage partition is supported on Linux

Where the SIM reader is available, the product is supplied with the freeware SIMEdit! program; the Compelson Labs software enables the owners of a GSM phone to edit, copy or save all information contained in a phone SIM card by using a standard PC. SIMEdit runs only on Microsoft Windows.

Specifications

Protocols: ISO7816 T=0 and T=1, USB CCID

Driver: Driver PC/SC for Windows 98, Windows ME, Windows 2000, Windows XP and Windows 2003. For Linux and Mac OS X, there are open-source drivers that support the USB CCID specifications

Standards: the device supports the ISO 7816, PC/SC and USB CCID standards

SIM reader: it supports the SIM 25X15mm format, in compliance with the GSM 11.11 standard

Flash memory: available in units from 128MB – 256MB – 512MB and partitionable up to 8 areas with different security characteristics

Options: in the enclosed CD-ROM a utility is inserted for allowing flash memory partitioning

Reduced dimensions: 94x34x12mm (SIM-/SmartPocket)
74x21x10mm (SIMReaderCombo)

Software requirements: Windows 98/ME/2000/XP, Linux (kernel 2.4+), Mac OS X.

Technical specifications

- USB 2.0 Full speed
- LED: Red: flash memory access indicator
Green: power on and card / SIM access indicator
- Card supply: 60 mA
- Transfer rate of card access: up to 344 Kbps
- Flash memory data reading rate: 750 KB/s
- Flash memory data writing rate: 580 KB/s
- Supported cards: Class A, B and C (5V, 3V, 1.8V)



Customization options are available as for the shell colour and any inscriptions and matchable accessories, from the key ring to the neck strap, or customized document printing.