



USB CCID SMART CARD READER

UP TO 512MB MEMORY INSIDE

POCKET DEVICE

**SmartPocket Combo** is the new USB smart card reader, with additional partitionable flash memory.

Thanks to its small size, SmartPocket Combo is a pocket device that also meets USB CCID standards. The new mechanics eases the insertion of the card, without affecting the size of the whole piece of hardware and its transportability. The large additional memory on board makes SmartPocket Combo a unique product combining access to microchip cards with transfer of data and applications.



The flash memory on board can be handled as a removable drive, optionally to be partitioned into up to 8 areas among the five different following types:

- **Mass Storage**, where data can be saved
- **CD-ROM**, with Autorun function
- **Encrypted Mass Storage**, based on AES 256 bit
- **Write Protected Mass Storage**, that is read-only
- **Read and Write Protected Mass Storage**

## Features:

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

Driver: PC/SC driver for Windows 98, Windows ME, Windows 2000, Windows XP and Windows 2003. For Linux and Mac OS X open-source drivers supporting USB CCID are also available.

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

Flash memory: (available capacity): 64MB - 128MB - 256MB - 512MB - to be eventually partitioned with various access security features

Options: The CD ROM coming with the device includes a utility to partition and configure the flash memory.

Compact size: 94x34x12mm

## Functions supported:

- Smart card reader
- Flash memory for data and application transfer

## Partitioning of the memory

## **System requirements:**

### Hardware requirements:

PC IBM or 100% compatible, Desktop/Notebook/Sub-Notebook/Laptop with USB port (Pentium 100 Mhz or higher)

### OS Requirements:

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

Only for the on-board flash memory, the access is possible without any need to install a driver on all Windows operating systems, except for Windows 98 and 98SE.

## **Technical specifications:**

- USB 2.0 Full Speed
- LED: Red: with light on, access to flash memory  
Green: with light on, power supply on and access to card
- Card supply: 60 mA
- Transfer rate of access to card:: up to 344 Kbps
- Data reading rate of the flash memory: 750 KB/s
- Data writing rate on the flash memory: 580 KB/s
- Power supply from USB bus

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**For further information about SmartPocket Combo visit:**

[www.buildingon.com](http://www.buildingon.com)

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