OmniDrive USB2 intern Professional

- ► **Internal PC Card Drive for USB 2.0**
- ► **For SRAM, ATA Flash, ATA Hard Disk a.o. PC Cards**
- ► **Easy installation and handling Windows 8, 7, Vista, XP, 2000, 98/Me & Linux**
- ► **Device driver for CSM Professional Software**
- ► **USB cable with connector for PC mother board**
- ► **Option: -40 to +85 °C operating temperature**
- ► **Option: Customizing / Design-in**
- ► **Option: PCB version**

Memory Card
not included

Omni*Drive USB2 intern Professional* is a drive in a 3.5" frame for **all kinds of Memory Cards** complying with the PC Card standard. This includes ATA Flash Cards, ATA Hard Disks, CompactFlash Cards with Adapter or SRAM Cards.
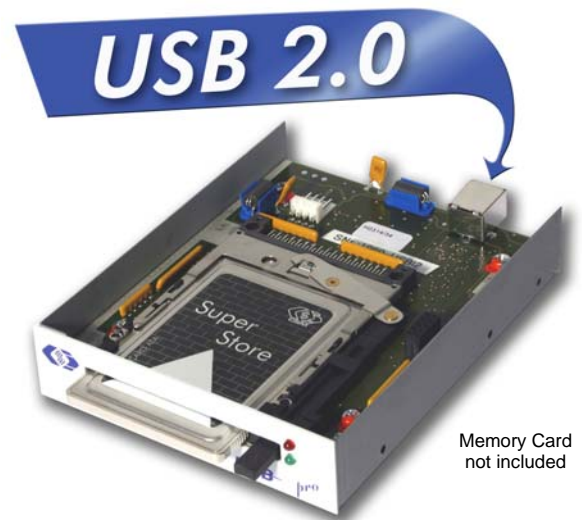
Modern future-proof design

Omni*Drive USB2 intern Professional* is based on a flexible, CSM-own design which meets industrial requirements.

For Omni*Drive USB2 intern Professional* this means in detail:

- ▷ **High speed data transfer through USB 2.0**
- ▷ **Extreme functional and data security**
- ▷ **Long-term availability** by own FPGA design and manufacturing
- ▷ **Flexibility and protection of investment** by easy update possibility
- ▷ **Option:** Extended temperature range -40 °C to + 85 °C
- ▷ **Option:** Customer specific adaption

Easy installation

Omni*Drive USB2 intern Professional* requires no internal slot like other internal drives and can be used independently of the PC bus (ISA, PCI, etc.). Instead the device is connected to a free **USB port on the PC mother board**. Omni*Drive* receives its power supply via the USB port and optional through an additional 4-pin connector for 3.5" floppy drives.

PC Card Manager and SDK

Omni*Drive USB2 intern Professional* is part of the product line **Omni*Drive Professional***. CSM's own device drivers allow to use the well-tried CSM Professional software tools.

The Windows tool **PC Card Manager** offers extensive possibilities for access to Memory Cards:

- ▷ **Flexible Format Utility**
- ▷ **Hex-Editor and Binary Copy Utility**
- ▷ **Inspect and Repair Tool** for ATA media

The universal **CSM programming interface** (API) offers by a DLL **direct access to Memory Cards** from own customized Windows applications.

For this the **CSM PC Card SDK** (Software Development Kit) is available as an additional product.

Linux software support

Under **Linux** Omni*Drive USB2 intern Professional* is usable as a plug-and-play drive for ATA Flash Cards. For this the device drivers of Linux are used.

Perfect for Industrial PC´s

Unlike other internal drives Omni*Drive USB2 intern Professional* allows a cable length of 2 m or more. It can be installed in terminals separated from the PC main board. On request custom OEM cable solutions are available.

CSM Innovative Measurement and Data Technology

Specification Omni*Drive USB2 intern Professional*

Item	Omni*Drive USB2 intern Professional*
PC Card Slots	1 x type II front slot
Interface	USB 2.0 and USB 1.1
PC Card Types	ATA Flash, ATA Hard Disk, CompactFlash with Adapter, **SRAM** [1]
Software	**CSM Professional Software** for Windows with **utilities**: PC Card Manager (PCM), OmniCtrl, BCPY32, CSMFORM
Dimensions (W x H x D)	Standard 3.5" frame, 101,5 mm x 25,5 mm x 128 mm PCB version: 100,8 mm x 18 mm x 124,5 mm
Weight	approx. 250 g / PCB version approx. 100 g
Operating Temperature	0 °C to +70 °C [2]
Non-operating Temperature	-20 °C to +85 °C [2]
Humidity	max. 90 % (non condensing)
Power Supply	DC 5 V from PC via USB bus, additional 4-pin connector for 3.5" floppy drives
System Requirements	PC with Windows 8, 7, Vista, XP, 2000, 98/Me or Linux [1] [3]
Conformity	CE

[1] Usage of SRAM Cards only under Windows.
[2] Optional –40 °C to +85 °C (operating and non-operating).
[3] Other operating systems on request.

Shipping Content:

- **Omni*Drive USB2 intern Professional** in 3.5" frame or as PCB version
- **USB cable**
- **CD** with *CSM Professional Software:*
  - *Device driver for Windows 8, 7, Vista, XP, 2000, 98/Me*
  - *PC Card Manager* utility for format independent data access inclusive HEX-Editor
  - *API with DeviceIoControl-Interface*
- **User manual in multi-language**

Options:

- **AC adapter** (Euro and US)

Additional products:

- *PC Card SDK*
  (PC Card Software Development Kit) for direct access to Memory Cards for custom applications.
  CSM API-32, *DLLs* and *code examples*

- **SuperStore Industrial Memory Cards**

CSM GmbH, **Raiffeisenstr. 34, 70794 Filderstadt, Germany**
Phone: +49 711 77964-20 Fax: +49 711 77964-40
E-mail: info@csm.de, **www.csm.de**