Solutions for Professional Applications

OmniDrive USB2 Professional

- **Universal PC Card Reader for USB 2.0**
- **For ATA Flash Cards, CF Cards with adapter, ATA Hard Disks and SRAM Cards**
- **CSM Professional Software / SDK**
- **Compact, robust aluminum housing**
- **Long-term available industrial design**
- **Option: -40 to +85 °C operating temperature**
- **Option: Customizing / Design-In**
- **Option: PCB version**

Omni*Drive USB2 Professional* is a fast PC Card Drive which is perfect for all computers with USB interface. It supports a lot of Memory Cards which comply to the PC Card Standard, for instance **ATA Flash Cards, CF Cards with adapter, ATA Hard Disks** and **SRAM Cards**. The compact aluminum casing offers perfect protection for device and card. The power supply comes from the USB bus itself. In addition, if necessary, also by means of an AC adapter.

Modern future-proof design

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

For Omni*Drive* USB2 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

Applications

Omni*Drive USB2 Professional* is perfect for industrial applications where Memory Cards **with high capacities** must be read and written reliable:

- ▷ **Medical technology**
- ▷ **Measurement**
- ▷ **Automation technology,** etc.

PC Card Manager and SDK

Omni*Drive USB2 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
- ▷ **Reading of serial number and firmware revision** of ATA and CF Cards

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 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

Omni*Drive USB2 Professional* is also available as compact **3.5" mounting version**. The available USB cable lengths of 2 m and more enable the mounting in separated operating panels.

CSM

Innovative Measurement and Data Technology

Specification Omni*Drive USB2 Professional*

Item	Omni*Drive USB2 Professional*
PC Card Slots	1x type II front slot
Interface	USB 2.0 and USB 1.1
PC Card Types	ATA Flash, ATA Hard Disk, CompactFlash with adapter, Secure Digital Cards, etc. 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)	109 mm x 35 mm x 135 mm PCB version: 100,8 mm x 18 mm x 124,5 mm
Weight	approx. 300 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 optional additional power supply via AC adapter
System Requirements	PC with Windows 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 Professional*** in table housing, 3.5" frame or as PCB version
- **USB cable**
- **CD** with **CSM Professional Software:**
  - ***Device driver for Windows 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**

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**

Options:

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

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