

# 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

**OmniDrive 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

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

For OmniDrive 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

**OmniDrive 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

OmniDrive USB2 Professional is part of the product line **OmniDrive 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** OmniDrive 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

OmniDrive 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.

## Specification OmniDrive USB2 Professional

| Item                      | OmniDrive 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, <b>SRAM</b> <sup>1)</sup>      |
| Software                  | <b>CSM Professional Software for Windows</b><br>with <b>utilities:</b><br>PC Card Manager (PCM)<br>OmniCtrl, BCPY32, CSMFORM |
| Dimensions (W x H x D)    | 109 mm x 35 mm x 135 mm<br>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 <sup>2)</sup>                                                                                                 |
| Non-operating Temperature | -20 °C to +85 °C <sup>2)</sup>                                                                                               |
| Humidity                  | max. 90 % (non condensing)                                                                                                   |
| Power Supply              | DC 5 V from PC via USB bus<br>optional additional power supply via AC adapter                                                |
| System Requirements       | PC with Windows 8, 7, Vista, XP, 2000, 98/Me or Linux <sup>1) 3)</sup>                                                       |
| Conformity                |                                         |

<sup>1)</sup> Usage of SRAM Cards only under Windows.

<sup>2)</sup> Optional -40 °C to +85 °C (operating and non-operating).

<sup>3)</sup> Other operating systems on request.

### Shipping Content:

- **OmniDrive USB2 Professional** in table housing, 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 DeviceloControl-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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