OmniDrive USB2 CF

- ► **Universal PC Card Reader for USB 2.0**
- ► **For CompactFlash Cards and CF Harddisks**
- ► **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 CF is an external drive for **CompactFlash Cards** and **CF Harddisks** complying with the CFA Standard. 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 CF is based on a flexible, CSM-own design which meets industrial requirements.

For Omni*Drive* USB2 CF 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
- ▷ **Option:** PCB version

Applications

Omni*Drive* USB2 CF is perfect for industrial applications where **CompactFlash Cards** are used:

- ▷ **Automation and control technology**
- ▷ **Machine construction**
- ▷ **Medical technology,** etc.

OmniDrive USB2 CF

Omni*Drive* USB2 CF is a *member of* **OmniDrive Professional** device family**.** 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 Flash Cards:

- ▷ **Flexible Format Utility**
- ▷ **Hex-Editor and Binary Copy Utility**
- ▷ **Inspect and Repair Tool** for CF Cards
- ▷ **Reading of serial number and firmware revision** of 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 CF 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

For use in IPCs the Omni*Drive* USB2 CF 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.

Innovative Measurement and Data Technology

Specification Omni*Drive USB2 CF*

Item	Omni*Drive USB2 CF*
PC Card Slots	1x CF type I front slot
Interfaces	USB 2.0 and USB 1.1
PC Card Types	CompactFlash Cards, CF Harddisks
Software (available for download)	**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 [1]
Non-operating Temperature	-20 °C to +85 °C [1]
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 10, 8, 7, Vista, XP, 2000, 98/Me or Linux [2]
Conformity	C E

[1] Optional -40°C to +85°C (operating and non-operating).
[2] Other operating systems on request.

Shipping Content:
- **Omni*Drive USB2 CF** in table housing, 3.5" frame or as PCB version
- **USB cable**
- **User manual in multi-language**

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

Additional products:
- **SuperStore Industrial Memory Cards**

Downloads:
- *PC Card SDK* (PC Card Software Development Kit) for direct access to Memory Cards for custom applications *CSM API-32*, *DLLs* and *code examples*
- **CSM Professional Software:**
  - *Device driver for Windows 10, 8, 7, Vista, XP, 2000, 98/Me*
  - *PC Card Manager* utility for format independent data access inclusive HEX-Editor
  - **API with DeviceIoControl-Interface**

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