

# OmniDrive USB CF

- ▶ Universal CompactFlash Drive for USB
- ▶ Easy installation and handling  
Win 98/Me, 2000, XP, Vista, Linux
- ▶ Device driver for CSM Professional Software
- ▶ Optimized USB 1.1 data transfer  
Transfer rate up to 1 MByte/s
- ▶ Compact, robust aluminum housing
- ▶ Option: -40 to +85 °C operating temperature
- ▶ Option: Customizing / Design-In



**OmniDrive USB CF** is an external drive for **CompactFlash Cards** and **CF Hard Disks** 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

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

- ▷ **Perfect use** of USB 1.1 maximum data transfer rate of 12 MBit/s.
- ▷ **Extreme functional and data security**, on account of longstanding experience with OmniDrive Centronics and varying PC Cards.
- ▷ **Flexibility and protection of investment** by easy update possibility.
- ▷ **Long-term availability**
- ▷ **Option:** Temperature range **-40°C to +85°C**
- ▷ **Option:** Customer specific adaptation

## PC Card Manager and SDK

**OmniDrive USB CF** is a **CSM Professional Drive**. 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 CompactFlash 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 CompactFlash Cards from own customized Windows applications**. Detailed information can be found in the optionally available CSM PC Card Software Development Kit.

## Linux software support

Under **Linux** **OmniDrive USB CF** is usable as a **plug-and-play drive** for CompactFlash Cards. For this the device drivers of Linux are used.

## Perfect for Industrial PC's

**OmniDrive USB CF** is also available as compact **3½" mounting version**. The available USB cable lengths of 2m and more enable the mounting in separated operating panels. The **compact metal frame** is just 128 mm long and 25.5 mm high.



## Specification OmniDrive USB CF

Item	OmniDrive USB CF
CF Card Slots	1x CF type I front slot
Interface	USB 1.1 (12 MBit/s)
Data Transfer Rate	up to 1 MByte/s
CF Card Types	CompactFlash Cards, CF Hard Disks
Software	<b>CSM Professional Software</b> with <b>utilities:</b> PC Card Manager (PCM) OmniCtrl, BCPY32, CSMFORM
Dimensions (W x H x D)	109 mm x 35 mm x 135 mm
Weight	approx. 300 g
Operating Temperature	0°C to +70°C <sup>1)</sup>
Non-operating Temperature	-20°C to +85°C <sup>1)</sup>
Humidity	max. 90% (not condensing)
Power Supply	DC 5 V from PC via USB bus optional additional power supply via AC adapter
System Requirements	PC with Win 98/Me, Win 2000, Win XP, Vista or Linux <sup>2)</sup>
Conformity	CE

<sup>1)</sup> Optional -40°C to +85°C (operating and non-operating).

<sup>2)</sup> Other operating systems on request.

### Shipping Content:

- **OmniDrive USB CF** in table housing
- **USB cable**
- **CD with CSM Professional Software:**
  - **Device driver for Win 98/Me, 2000, XP, Vista**
  - **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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