

# OmniDrive USB CF/SD

- ▶ **Universal Memory Card Reader for USB**
- ▶ **Slot for CompactFlash Cards and SD / MultiMediaCards**
- ▶ **Easy installation and handling**  
Win 98/Me, 2000, XP, Vista, Linux
- ▶ **CSM Professional Software / SDK**
- ▶ **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/SD** is an external drive for a lot of **Memory Cards**. For this the device provides 2 separate slots:

- ▷ **CF Card Interface**  
For use **CompactFlash Cards** and CF Hard-disks
- ▷ **SD Card Interface**  
For direct access to **Secure Digital Cards**, **MultiMediaCards** and **SIEMENS Micro Memory Cards** for SIMATIC® S7 modules

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/SD** 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

## **OmniDrive USB CF/SD**

**OmniDrive USB CF/SD** is a **CSM Professional Drive**. Therefore it is perfect as a fast, robust drive for the listed memory media. In addition 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**
- ▷ **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.

## **Mounting Version**

**OmniDrive USB CF/SD** 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/SD*

Item	OmniDrive <i>USB CF/SD</i>	
CF Card Slots	1x CF type I front slot, 1x SD Card front slot	
Interface	USB 1.1 (12 MBit/s)	
Data Transfer Rate	up to 1 MByte/s	
Memory Card Types	CompactFlash Cards CF Harddisks	Secure Digital Cards SIEMENS Micro Memory Cards MultiMediaCards
Software	<b>CSM Professional Software for Windows</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, Linux <sup>2)</sup>	
Conformity		

<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/SD*** 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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