

# OmniDrive USB2 CF/SD

- ▶ **Universal PC Card Reader for USB 2.0**
- ▶ **Easy installation and handling**  
Windows 8, 7, Vista, XP, 2000, Me/98,  
OSX 10.x, Linux
- ▶ **Slot for CompactFlash Cards and SD Cards /  
SDHC Cards / MultiMediaCards**
- ▶ **CSM Professional Software / SDK**
- ▶ **Compact, robust aluminum housing**
- ▶ **Long-term available industrial design**
- ▶ **Option: -40 °C to +85 °C operating tempera-  
ture**
- ▶ **Option: Customizing / Design-In**
- ▶ **Option: PCB version**

**OmniDrive USB2 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 Harddisks
- ▷ **SD Card Interface**  
For direct access to **Secure Digital Cards, Secure Digital High Capacity Cards, Multi-MediaCards** 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 USB2 CF/SD** is based on a flexible, CSM-own design which meets industrial requirements.

- ▷ **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**



**USB 2.0**

- ▷ **Option: PCB version**

## OmniDrive USB2 CF/SD

**OmniDrive USB2 CF/SD** 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 Memory Cards Flash Cards:

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

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.

## Perfect for Industrial PC's

For use in IPCs the **OmniDrive USB2 CF/SD** 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 CF/SD

Item	OmniDrive USB2 CF/SD	
PC Card Slots	1x CF type I front-slot, 1x SD Card front-slot	
Interfaces	USB 2.0 and USB 1.1	
Memory Card Types	CompactFlash Cards CF Harddisks	Secure Digital Cards Secure Digital High Capacity 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 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>1)</sup>	
Non-operating Temperature	-20 °C to +85 °C <sup>1)</sup>	
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 8, 7, Vista, XP, 2000, 98/Me, OSX 10.x 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 USB2 CF/SD** 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)

**CSM GmbH**, Raiffeisenstr. 34, 70794 Filderstadt, Germany

Phone: +49 711 77964-20 Fax: +49 711 77964-40

E-mail: info@csm.de, [www.csm.de](http://www.csm.de)

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