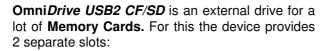
# Solutions for Professional Applications

# OmniDrive USB2 CF/SD

- Universal PC Card Reader for USB 2.0
- ► Easy installation and handling Windows 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 temperature
- Option: Customizing / Design-In
- ► Option: PCB version



- 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<sup>®</sup> 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

Omni*Drive USB2 CF/SD* is based on a flexible, CSM-own design which meets industrial requirements.

- Extreme functional and data security
- Long-term availability by own FPGA design and manufacturing
- Option: Extended temperature range -40 °C to +85 °C
- > **Option:** Customer specific adaption
- Option: PCB version



# OmniDrive USB2 CF/SD

Omni*Drive 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

- 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 Omni*Drive 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 Omni Drive USB2 CF/SD

| Item                      | Omni <i>Drive USB2 CF/SD</i>   |  |
|---------------------------|--|--|
| 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<br>CF Harddisks   | Secure Digital Cards Secure Digital High Capacity Cards SIEMENS Micro Memory Cards MultiMediaCards |
| Software                  | CSM Professional Software for Windows<br>with utilities:<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 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 7, Vista, XP, 2000, 98/Me, OSX 10.x or Linux 2)  |  |
| Conformity                | (€   |  |

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

## **Shipping Content:**

- Omni Drive USB2 CF/SD in table housing, 3.5" frame or as PCB version
- USB cable
- **CD** with **CSM Professional Software**:
  - Device driver for Windows 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

## **Options:**

AC adapter (Euro and US)

## **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**

**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



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