

OmniDrive USB LF/SD

- ▶ **Universal Memory Card Drive for USB**
- ▶ **Slot for Linear Flash Cards, SIEMENS FMC Cards, SRAM a.o. PC Cards**
- ▶ **Additional slot for SD Cards, SIEMENS Micro Memory Cards and MultiMedia Cards**
- ▶ **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**



OmniDrive USB LF/SD is an external drive for a lot of **Memory Cards**. For this the device provides 2 separate slots:

- ▷ **PC Card Interface**
For access to **Linear Flash Cards, SIEMENS FMC Cards** for HICOM[®]/HiPath[®], **SRAM Cards, ATA Flash Cards** a.o.
- ▷ **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 LF/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 LF/SD

OmniDrive USB LF/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:

- ▷ **Hex-Editor and Binary Copy Utility**
- ▷ **Linear Flash Erase Utility**
- ▷ **Inspect and Repair Tool** for ATA media

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 LF/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 LF/SD*

Item	OmniDrive <i>USB LF/SD</i>	
Memory Card Slots	Two Front Slots: 1x PC Card Typ II and 1x SD Card	
Interface	USB 1.1 (12 MBit/s)	
Data Transfer Rate	up to 1 MByte/s	
PC Card Types	Linear Flash ^{1) 2)} , SIEMENS FMC-xx Flash Cards , SRAM, ATA Flash, ATA Hard Disk. CompactFlash and SmartMedia Cards with adapter	Secure Digital Cards, SIEMENS Micro Memory Cards , MultiMediaCards
Software	CSM Professional Software with utilities : 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 ³⁾	
Non-operating Temperature	-20°C to +85°C ³⁾	
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 or Linux ⁴⁾	
Conformity	CE	

¹⁾ Usage of Linear Flash and SRAM Cards only under Windows.

²⁾ AMD, Catalyst, Fujitsu, Intel Series 1, 2, 2+, StrataFlash etc. Others on request.

³⁾ Optional -40 °C to +85 °C (operating and non-operating).

⁴⁾ Other operating systems on request.

Shipping Content:

- **OmniDrive *USB LF/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)

CSM GmbH, Raiffeisenstr. 34, D-70794 Filderstadt

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

E-Mail: info@csm.de <http://www.csm-products.com>

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