

OmniDrive USB LF

- ▶ **Universal PC Card Drive for USB**
- ▶ **For Linear Flash, SRAM, ATA Flash and ATA Hard Disk**
- ▶ **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 LF is an external drive for a lot of **Memory Cards** complying with the PC Card Standard. Specially for **Linear Flash Cards, SRAM Cards, ATA Flash Cards** and **ATA Hard Disks** as well as CompactFlash, SmartMedia, MultiMedia-Cards and SD Cards with adapter.

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 is based on a flexible, CSM-own design which meets industrial requirements.

For **OmniDrive USB LF** this means in detail:

- ▷ **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

OmniDrive USB LF 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**
- ▷ **Test of data consistency** by 16-bit CRC checksum
- ▷ **Linear Flash Erase Utility**

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 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

Item	OmniDrive USB LF
PC Card Slots	1x type II front slot
Interface	USB 1.1 (12 MBit/s)
Data Transfer Rate	up to 1 MByte/s
PC Card Types	Linear Flash ¹⁾²⁾ , SRAM ¹⁾ , ATA Flash, ATA Hard Disk, CompactFlash, SmartMedia, MultiMedia, Secure Digital Cards, a.o. with adapter
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, Vista or Linux ⁴⁾
Conformity	

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

²⁾ AMD, Catalyst, Fujitsu, Intel Series 1, 2, 2+, StrataFlash. 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** 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 DeviceControl-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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