

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
- ❑ **Device driver for CSM Professional Software**
- ❑ **Optimized USB 1.1 data transfer**
Transfer rate up to 1 MByte/s.
- ❑ **Compact, robust aluminum casing**
- ❑ **Option: -40 to +85 °C operating temperature**



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 CSM's own, flexible design, that is perfect for industrial needs.

For OmniDrive *USB* 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:** Extended temperature range
- 40 °C to + 85 °C

OmniDrive *USB LF* is a **CSM Professional Drive**. Therefore it is perfect as a fast, robust drive for all common memory media.

OmniDrive *USB LF*

OmniDrive *USB LF* supports besides **Linear Flash Cards** also SRAM Cards and ATA memory media. 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 Linear 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**. Detailed information can be found in the optionally available CSM PC Card Software Development Kit.

Mounting version

For use in customer projects OmniDrive *USB* is also available as **3 ½" mounting version**. The **compact metal frame** is just 128 mm long and 25.5 mm high. It can be used also under conditions with restricted space.

Specification OmniDrive *USB LF*

Item	OmniDrive <i>USB LF</i>
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⁾ , SRAM, 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 ²⁾
Non-operating Temperature	-20°C to +85°C ²⁾
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 or Win XP ³⁾
Conformity	

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

²⁾ Optional -40 °C to +85 °C (operating and non-operating).

³⁾ Other operating systems on request.

Shipping Contents:

OmniDrive *USB LF*

- **OmniDrive *USB LF*** in aluminum case
- **USB cable**
- **CD with *CSM Professional Software:***
32-bit device driver for Win 98/Me, 2000, XP
PC Card Manager 32-bit utility for format-independent data access inclusive HEX-Editor
32-bit API with *DeviceloControl-Interface*
- **User manual** in multi-language

Additional products:

- **PC Card SDK**
(PC Card Software Development Kit) for direct access to a Memory Card's contents using own applications
CSM API-32, DLLs and code examples

Options:

- **AC adapter** (Euro and US)

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