Omni*Drive* **USB 2.0 LFSD Professional**

- ❑ **Universal USB-2 PC Card reader/writer**
- ❑ **For Linear Flash, SRAM, ATA Flash, ATA Hard Disk and SD-cards**
- ❑ **Easy installation and operation Win 98/Me, 2000, XP, Vista, Win 7, Win10 & Linux**
- ❑ **Compact, robust aluminium enclosure**
- ❑ **Option: -40°C ~ +85°C operating temp.**

Omni*Drive* USB LFSD is an external drive for a large number of Memory Card types corresponding to the PC Card Standard. In particular, for **Linear Flash Cards, SRAM Cards, ATA Flash Cards**, **ATA Hard Disks and SD-Karten.**

Using an appropriate adapter, you can also read/write CompactFlash, SmartMedia and MultiMediaCards.

The compact aluminium housing offers protection to both the card and the unit itself.

Operating current is drawn from the USB-port itself, though an external power-supply (extra) may also be used.

Modern future-proof Design

Omni*Drive* USB 2.0 LFSD *is* based on a flexible design concept to meet industrial requirements.

This means for the Omni*Drive* USB 2.0 LFSD in practice:

- ➢ **High-speed data transfer via USB 2.0**
- ➢ **Extreme functional reliability and data security**
- ➢ **Flexibility and protection of investment by easy update facility**
- ➢ **Long-term availability by own FPGA design**

Application areas

Omni*Drive* USB 2.0 LFSD is ideally suited to industrial applications, especially where Linear Flash and/or SD-cards are to be processed.

OmniDrive USB 2.0 LFSD

Besides **Linear Flash Cards,** the Omni*Drive* USB 2.0 LFSD also supports PC SRAM Cards und ATA media. Via the second slot, SD-cards are supported directly.

The drivers make possible the use of the tried-and–tested **Professional Software Tools**.

The Windows Tool **PC Card Manager** offers extensive facilities for accessing Linear Flash Cards:

- ➢ **Hex-Editor und Binary Copy Utility**
- ➢ **Test of data consistency by 16-bit CRC checksum.**
- ➢ **Linear Flash Erase Utility**

The universal programming interface (API) offers direct access to Memory Cards by DLL from your own customised Windows applications. For this, the PC Card Software Development Kit is available as a separate product.

Software support under Linux

Under Linux, the OmniDrive USB 2.0 LFSD operates as a **Plug and Play** drive for ATA Flash Cards using the Linux drivers.

Build-in version

For use in custom products, the Omni*Drive* USB LFSD is also available as a **3 ½" frame version.** This is just 128 mm long and 25,5 mm high, and therefore takes up very little space.

Specifications Omni*Drive USB 2.0 LFSD*

Description	Omni*Drive USB 2.0LFSD*
Memory Card Slots:	1 x PCMCIA Typ II front-slot 1 x SD-card front-slot
Data interface:	USB 2.0 and USB 1.1
Memory Card Types in PC Slot:	PC Linear Flash,SIEMENS FMC-xx Flash Cards, PC SRAM, PC ATA Flash. *With adapter:* CompactFlash, SmartMedia, MultiMedia, microSD etc.
Memory Card Types in SD Slot:	SD-card, SDHC-card, SIEMENS Micro Memory Cards. *With adapter:* Micro-SD-cards
Software:	**Professional Software** with the utilities: PC Card Manager (PCM) OmniCtrl, BCPY32, CSMFORM
Dimensions (B x H x T) :	109 mm x 35 mm x 135 mm
Weight:	ca. 300 g
Operating temperature:	0°C ~ +70°C [2]
Storage temperature:	-20°C ~ +85°C [2]
Humidity:	max. 90% (non-condensing)
Power supply:	DC 5 V from PC via USB-port. Optional additional power-supply via AC adapter (extra)
System requirements:	PC with Win 98/Me, Win 2000, Win XP, Vista, Win 7, Win10 or Linux [3]
Conformity:	$C\epsilon$

Shipping contents:

- **Omni*Drive USB 2.0 LFSD*** in table-top housing
- **USB-cable 2m**
- **CD** with *Professional Software:*
 32-bit drivers for Win 98/Me, 2000, XP, Vista, Win 7, Win10 & Linux
 PC Card Manager 32-bit utility for format-independent data-access including hex-editor.
- **32-bit API with DeviceIoControl interface**
- Multilingual user manual

Options:

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

Additional products:

- *PC Card SDK*
 (PC Card Software Development Kit) for direct access to Memory Cards for custom applications.
- *API-32*, *DLLs* and *code examples*
- *Memory Cards*