



# OmniDrive USB2 LF/SD 8-Bit



## Key features

- ▶ *Memory Card Drive for USB 2.0*
- ▶ *Slot especially for Linear Flash & SRAM Cards (8-bit)*
- ▶ *Additional slot for SD Cards, SDHC Cards, SIEMENS Micro Memory Cards and MultiMedia Cards*
- ▶ *Easy installation and handling  
Windows 10, 8, 7, Vista, XP, 2000, 98/Me, OSX 10.x, Linux*
- ▶ *Device driver for CSM Professional Software*
- ▶ *Compact and robust aluminium housing*

## Product description

**OmniDrive USB2 LF/SD 8-Bit** is an external drive for a lot of Memory Cards. For this the device provides 2 separate slots:

- ▶ PC Card Interface especially for access to Linear Flash and SRAM Cards (8-bit-only)
- ▶ SD Card Interface for direct access to Secure Digital Cards, Secure Digital High Capacity Cards, MultiMedia-Cards and SIEMENS Micro Memory Cards for SIMATIC® S7 modules

The compact aluminium 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 USB2 LF/SD 8-Bit** is based on a flexible, CSM-specific design which meets industrial requirements:

- ▶ High speed data transfer through USB 2.0
- ▶ Extreme functional reliability and data security
- ▶ Long-term availability by own FPGA design and manufacturing
- ▶ Flexibility and protection of investment by easy update possibility

## Support of CSM software tools



**OmniDrive USB2 LF/SD 8-Bit** is a CSM Professional Drive. It was developed to use Linear Flash Cards with pure 8-bit data transfer bus. 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:

- ▶ Flexible formatter utility
- ▶ Hex Editor and Binary Copy Utility
- ▶ Linear Flash Erase Utility

The universal CSM programming interface (API) offers direct access to Memory Cards by DLL from own customized Windows applications. For this the CSM PC Card SDK (Software Development Kit) is available as an additional product.

## Technical data

Type designation	OmniDrive USB2 LF/SD 8-Bit
	
Memory Card Slots	Two Front Slots: 1x PC Card Type II and 1x SD Card
Interface	USB 2.0 and USB 1.1
Memory Card Types	
in PC Card Slot	Linear Flash <sup>1) 2)</sup> & SRAM <sup>1)</sup> Cards with pure 8-bit data transfer bus, not compatible with other Linear Flash Cards
in SD Card Slot	Secure Digital Cards, Secure Digital High Capacity Cards, SIEMENS Micro Memory Cards, MultiMediaCards
Software	CSM Professional Software with utilities: PC Card Manager (PCM), OmniCtrl, BCPY32, CSMFORM
Dimensions (w × h × d)	109 mm × 35 mm × 135 mm
Weight	approx. 300 g
Operating temperature range	0 °C to +70 °C
Storage temperature	-20 °C to +85 °C
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 10, 8, 7, Vista, XP, 2000, 98/Me, OSX 10.x or Linux <sup>1)</sup>
Conformity	

<sup>1</sup> Usage of Linear Flash and SRAM Cards only under Windows.

<sup>2</sup> AMD, Catalyst, Fujitsu, Intel Serie 1, 2, 2+ and compatible cards.

## Shipping content

- ▶ OmniDrive USB2 LF/SD 8-Bit in table housing
- ▶ USB cable
- ▶ CD with CSM Professional Software:
  - ▶ Device driver (Windows 10, 8, 7, Vista, XP, 2000, 98/Me)
  - ▶ PC Card Manager utility for format independent data access including HEX Editor
  - ▶ API with DeviceLoControl Interface
- ▶ Multilingual user manual



## 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

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2018-05-24

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