

OmniDrive

USB2 LF/SD 8-Bit



Product description

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

- ▶ PC Card Interface especially for access to 8-Bit Linear Flash & SRAM Cards
- ▶ SD Card Interface for direct access to Secure Digital Cards, Secure Digital High Capacity Cards, MultiMedia-Cards and SIEMENS Micro Memory Cards for SIMATIC® (system-dependent)

The compact aluminium casing offers perfect protection for device and card. The power supply comes from the USB port 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

Key features

- ▶ Memory Card Drive for USB 2.0
- ▶ Slot especially for 8-Bit Linear Flash & SRAM Cards
- ▶ Additional slot for SD Cards, SDHC Cards, SIEMENS Micro Memory Cards (system-dependent) and MultiMedia Cards
- ▶ Easy installation and handling
Windows 11, 10, 8, 7, Vista, XP, 2000, 98/Me, OSX 10.x, Linux
- ▶ Device driver for CSM Professional Software
- ▶ Compact and robust aluminium housing

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.

Scope of delivery

- ▶ OmniDrive USB2 LF/SD 8-Bit in table housing
- ▶ USB cable


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

Downloads

- ▶ CSM Professional Software:
 - ▶ Device drivers (Windows 11, 10, 8, 7, Vista, XP, 2000, 98/Me)
 - ▶ PC Card Manager utility for format independent data access including HEX Editor
 - ▶ API with DeviceIoControl Interface
- ▶ Multilingual user manual

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
Interfaces	USB 2.0 and USB 1.1
Memory Card Types	
in PC Card Slot	Linear Flash ^{1,2} & SRAM ¹ 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 (systemabhängig), MultiMediaCard
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 5V from PC via USB port optional additional power supply via AC adapter
System Requirements	PC with Windows 11, 10, 8, 7, Vista, XP, 2000, 98/Me or Linux ¹
Conformity	

¹ Usage of 8-Bit Linear Flash & SRAM Cards only under Windows.

² AMD, Catalyst, Fujitsu, Intel Series 1, 2, 2+ and compatible cards.



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