OmniDrive

USB2 LF/SD

Product description

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

▶ PC Card Interface for access to Linear Flash & SRAM Cards 16-Bit, SIEMENS FMC Cards for HICOM®/HiPath®, ATA Flash Cards a.o.

▶ 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 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

▶ Universal Memory Card Drive for USB 2.0

▶ Slot for Linear Flash & SRAM Cards 16-Bit, SIEMENS FMC Cards, a.o. Cards

▶ Additional slot for SD Cards, SDHC Cards, SIEMENS Micro Memory Cards (system-dependent) and MultiMediaCards

▶ 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

▶ Option: -40 °C to +85 °C operating temperature range

▶ Option: Customer specific adaption

Support of CSM software tools

OmniDrive USB2 LF/SD 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:

Innovative Measurement and Data Technology

- ▶ Flexible formatter utility
- ▶ 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 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 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 inclusive HEX-Editor
  - ▸ API with DeviceIoControl Interface
- ▶ Multilingual user manual

Technical data

Type designation	OmniDrive USB2 LF/SD
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 & SRAM Cards 16-Bit[1,2], SIEMENS FMC-xx Flash Cards, ATA Flash, CompactFlash and SmartMedia Cards with adapter
in SD Card Slot	Secure Digital Cards, Secure Digital High Capacity Cards, SIEMENS Micro Memory Cards (system-dependent), 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[3]
Storage temperature	-20 °C to +85 °C[3]
Humidity	max. 90 % (non-condensing)
Power Supply	DC 5 V 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	CE

[1] Usage ofvon Linear Flash & SRAM Cards 16-Bit only under Windows.

[2] AMD, Catalyst, Fujitsu, Intel Series 1, 2, 2+, StrataFlash.

[3] Optional -40 °C to +85 °C (operating and storage).

CSM

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CSM GmbH Germany is certified.

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