

Datasheet OmniDrive

OmniDrive USB2 LF/SD 8-Bit



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, MultiMediaCards and SIEMENS Micro Memory Cards für 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.

- Memory Card Drive for USB 2.0
- Slot especially for 8-Bit Linear Flash & SRM 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

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Application

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 Binär 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.

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Technical data

| Specifications | | |
|-----------------------------|-----------------|---|
| Type designation | | OmniDrive USB2 LF/SD 8-Bit |
| Memory Card Slots | | Two front slots: 1x PC Card Typ II and 1x SD Card |
| Interfaces | | USB 2.0 and USB 1.1 |
| Memory Card Typen | | |
| | in PC Card Slot | Linear Flash ¹² & 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 (system dependend), MultiMediaCard |
| Software | | CSM Professional Software with utilities: PC Card Manager (PCM), OmniCtrl, BCPY32, CSMFORM |
| Dimensions | | 109mm × 35mm × 135mm |
| 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-Bus, Optional additional power supply via AC adapter |
| Systemanforderungen | | PC mit Windows 11, 10, 8, 7, Vista, XP, 2000, 98/Me oder Linux1 |

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

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