

OmniDrive USB / USB Professional

- ▶ Universal PC Card Drive for USB
- ▶ For ATA Flash, ATA Hard Disk, SRAM a.o. PC Cards
- ▶ Easy installation and handling
Win 98/Me, 2000, XP, Vista, Linux
- ▶ Device driver for CSM Professional Software
- ▶ Optimized USB 1.1 data transfer
Transfer rate up to 1 MByte/s.
- ▶ Compact, robust aluminum housing
- ▶ Option: -40 to +85 °C operating temperature



OmniDrive USB is an external drive for a lot of **Memory Cards** complying with the PC Card Standard. Specially for **ATA Flash Cards**, **ATA Hard Disks**, **SRAM Cards** as well as CompactFlash, SmartMedia, MultiMediaCards and SD Cards with adapter. The compact aluminum 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 USB is based on a flexible, CSM-own design which meets industrial requirements.

For *OmniDrive USB / USB Professional* this means in detail:

- ▷ **Perfect use** of USB 1.1 maximum data transfer rate of 12 MBit/s.
- ▷ **Extreme functional and data security**, on account of longstanding experience with OmniDrive Centronics and varying PC Cards.
- ▷ **Flexibility and protection of investment** by easy update possibility.
- ▷ **Long-term availability**
- ▷ **Option:** Temperature range **-40°C to +85°C**
- ▷ **Option:** Customizing / Design-In

OmniDrive USB

OmniDrive USB is a **plug & play drive** for operation under Windows 98/Me, 2000, XP and Linux. When connected to the USB port the *OmniDrive USB* will be installed automatically, and the drive is ready for use at once.

Therefore it is perfect as a fast, robust drive for ATA memory media with standard DOS format.

OmniDrive USB Professional

OmniDrive USB Professional supports besides ATA memory media also **SRAM Memory Cards**. 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 Format Utility**
- ▷ **Hex-Editor and Binary Copy Utility**
- ▷ **Inspect and Repair Tool** for ATA media

The universal CSM programming interface (API) offers by a DLL **direct access to Memory Cards from own customized Windows applications**. Detailed information can be found in the optionally available CSM PC Card Software Development Kit.

Mounting version

For use in customer projects *OmniDrive USB* is also available as **3 1/2" mounting version**. The **compact metal frame** is just 128 mm long and 25.5 mm high. It can be used also under conditions with restricted space.



Specification OmniDrive *USB* / *USB Professional*

Item	OmniDrive <i>USB</i>	OmniDrive <i>USB Professional</i>
PC Card Slots	1x type II front slot	
Interface	USB 1.1 (12 MBit/s)	
Data Transfer Rate	up to 1 MByte/s	
PC Card Types	ATA Flash, ATA Hard Disk. CompactFlash, SmartMedia, MultiMedia, Secure Digital Cards with adapter	ATA Flash, ATA Hard Disk. CompactFlash, SmartMedia, MultiMedia, Secure Digital Cards with adapter. SRAM ¹⁾
Software	-	CSM Professional Software with utilities: PC Card Manager (PCM) OmniCtrl, BCPY32, CSMFORM
Dimensions (W x H x D)	109 mm x 35 mm x 135 mm	
Weight	approx. 300 g	
Operating Temperature	0°C to +70°C ²⁾	
Non-operating Temperature	-20°C to +85°C ²⁾	
Humidity	max. 90% (not condensing)	
Power Supply	DC 5 V from PC via USB bus optional additional power supply via AC adapter	
System Requirements	PC with Win 98/Me, Win 2000, Win XP, Vista or Linux ³⁾	
Conformity	CE	

¹⁾ Usage of SRAM Cards only under Windows.

²⁾ Optional -40°C to +85°C (operating and non-operating).

³⁾ Other operating systems on request.

Shipping content:

OmniDrive *USB*

- **OmniDrive *USB*** in table housing
- **USB cable**
- **User manual** in multi-language

Options:

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

OmniDrive *USB Professional*

Same as OmniDrive *USB*, additionally
Professional Software:

- **Device driver for Win 98/Me, 2000, XP, Vista**
- **PC Card Manager** utility for format-independent data access inclusive HEX-Editor
- **API with DeviceloControl-Interface**

Additional products:

- **PC Card SDK** (PC Card Software Development Kit) for direct access to a Memory Card's contents using own applications
CSM API-32, DLLs and **code examples**

CSM GmbH, Raiffeisenstr. 34, D-70794 Filderstadt

Phone.: +49 711 77964 20 Fax: +49 711 77964 40

E-Mail: info@csm.de <http://www.csm-products.com>

All trademarks mentioned are in property of their respective owners. This document in subject to change without any notice.