

## Product Information

### Kvaser USBcan II Professional

*CAN Bus Interfaces with MagiSync...*



The Kvaser USBcan II Professional provides two CAN bus interfaces through a single USB connection. When combined with the Kvaser Linx, the Kvaser USBcan Professional also supports bus types like LIN, J1587 and SWC.

The Kvaser USBcanII Professional supports Kvaser MagiSync™ technology to synchronize time stamps across multiple units without extra wires providing flexibility for multi-channel applications.

#### Applications areas

The Kvaser USBcan II Professional is a robust, easy to carry device designed for high-end applications. With quick reaction times and high data throughput, the Kvaser USBcan Professional is perfect for rapid ECU re-flashing, advanced bus analysers and efficient development work.

#### Excellent Software Support

The Kvaser CANlib Software Development Kit includes everything necessary to develop custom software using the Kvaser API, J2534 or RP1210A. The Kvaser USB can Professional is software compatible with applications written for all other Kvaser products using the CANlib API. The Kvaser USBcan Professional is fully compatible with all higher layer protocols like J1939 and CANopen.

## USB Interface

- Can be used with any desktop or laptop USB port.
- Designed for USB 2.0 (480 Mbit/s)
- Backward compatible with USB 1.1 (12Mbit/s)

## Kvaser MagiSync

- Global time domain for all units connected
- Instant synchronization when connected
- No wires / no extra cables needed for synchronization
- Superior precision - to the microsecond
- Patented technology

## Bus Interface

- Bus driver stage is galvanically isolated to protect the hardware
- Supports CAN 2.0A and 2.0B
- Supports data and remote frames
- Support for different bus types through Kvaser Linx
- Labelled bus channel connectors for easy identification of the supported physical layer

## Contents of delivery

- Kvaser USB can Professional
- Drivers and Kvaser Canlib SDK
- Kvaser CANKing, free of charge CAN bus monitor
- User's Guide and software updates available on the web site.

## Application support

ATI Vision™  
 ATI Apollo™  
 ATI CANlab™  
 Ficosa CANica™  
 Kvaser CANKing™  
 National Instruments LabView™  
 National Instruments DIAdem™  
 VAT 2000™  
 Warwick X-Analyser™  
**Xtm™ (distributed by agostec)**

## Software platforms

Windows Vista™  
 Windows 2000/XP™  
 Windows 98/ME™  
 Windows Nt4  
 WINCE™

## Technical Data

Galvanical isolation	Yes
USB version	2.0
Temperature range	-40°C ...+85°C
Number of channels	2
Bus interface performance (msgs/s)	40 000
Time stamp accuracy	2 µs
Clock synch. between multiple devices	Yes
Silent mode	Yes
Error counters reading	Yes
Error frames detection	Yes
Error frames generation	Yes
Current consumption	130 mA
LEDs	4

