

## Kvaser USBcan II



### Application Support

- ATI Apollo™
- ATI CANlab™
- ATI Vision™
- Ficoso CANica™
- Kvaser CanKing™
- National Instruments DIAdem™
- National Instruments LabView™
- VAT2000™
- Vector CANalyzer™
- Vector CANoe™
- Vector CANape™
- Warwick X-Analyser™
- Xtm™

### Supported OS

- Windows 98/ME/2000/CE/XP™
- Linux

### Product Versions

- Kvaser USBcan II HS
- Kvaser USBcan II HS/HS
- Kvaser USBcan II HS/LS
- Kvaser USBcan II HS/SWC

The Kvaser USBcan II provides a dual channel CAN bus interface through a standard USB interface.

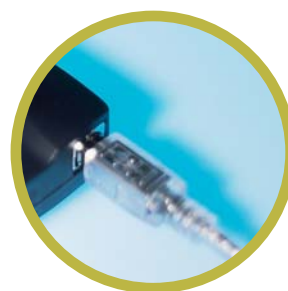
The USBcan II can be ordered with two high-speed channels, with one high-speed and one low-speed or with one-high speed and one single-wire CAN.

Kvaser USBcan II is a flexible way of communicate with the CAN bus through a desktop PC or laptop.

The USBcan II device is a USB 1.1 device. It also works with USB 2.0 in full-speed mode, i.e. 12 Mbit/s. It contains the powerful M16C micro-controller from Mitsubishi with two built-in CAN controllers. It handles CAN messages with 11 bit (CAN 2.0A) as well as 29 bit (CAN 2.0B) identifiers. Remote frames can be sent and received without restrictions. USBcan II can detect and generate error frames on the CAN bus.

## Major features in USBcan II

- One device for desktop, laptop and PDA (device needs a USB port).
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- CAN messages are time-stamped with 10 micro seconds resolution.
- Large on-board RAM buffer for CAN messages.
- Automatically switches power supply between CAN (primary) and USB (secondary), to reduce power drain of laptop battery.
- Supports "listen-only" mode for analyzing tools.
- Driver support for major operating systems.
- 100% compatible with applications written for LAPcan, PCican, and PCcan with Kvaser's CANlib.
- One CAN connection ISO-11898 High speed, 50 kbit/s up to 1 Mbit/s (e.g. Philips TJA1050).
- Excellent EMC performance.
- One USB 1.1 connection (12 Mbit/s) and USB 2.0 compliant.
- Power from CAN bus or from the USB side.
- Supported by high performance device drivers.
- Fault tolerant electrical CAN interface.
- Dual or single CAN channel.



## Additional software and documentation

- CANlib SDK code libraries and sample programs.
- On-line documentation in Windows HTML-Help and drivers can be downloaded for free at [www.kvaser.com](http://www.kvaser.com).

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