

## Kvaser Memorator



### Application Support

- Kvaser CanKing™
- ATI Vision™
- ATI Apollo™
- Warwick X-analyzer™
- Vector CANalyzer™
- Vector CANoe™
- Vector CANape™
- National Instruments LabView™
- National Instruments DIAdem™
- VAT2000™

Kvaser Memorator makes it possible for you to log data from a CAN bus to a standard MMC or SD-type flash disk.

Kvaser Memorator provides a dual channel CAN bus interface through a standard USB interface.

Kvaser Memorator has a USB connection and can be used as an ordinary USBcan as well as a logging device – two products in one! A great advantage is that all configurations are made in a standalone configuration program. It makes it both easy and convenient to set configurations with the PC and download it to Kvaser Memorator for use in the field.

### Functions in Kvaser Memorator

#### Triggers

Kvaser Memorator can log continuously, or logging can be triggered by external triggers (rising or falling edge) and/or by messages and signals on the CAN bus (triggered by identifier, or data contents.) Pre- and post-triggers are available.

#### Filters

To enhance logging performance, Kvaser Memorator can filter out selectable messages to be logged.

#### Memory cards

Standard MMC or SD type flash memory cards can be used. The maximum size is 512 MB.



## Configuration software in the PC

- Configuration of the CAN controller, e.g bit rate and filters
- Configuration of the trigger conditions
- Configuration of filter for messages to be stored
- Configuration upload and download via USB

## Kvaser Memorator

- Dual CAN channel
- USB 1.1 and 2.0 compliant
- Supports CAN 2.0A and 2.0B
- Extensive software support
- Excellent EMC performance
- 32-bit high performance driver support

## Major features in Kvaser Memorator

- One device for desktop and laptop
- 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 microseconds resolution
- Large on-board RAM buffer for CAN messages
- Supports "listen-only" mode for analyzing tools
- Driver support for major operating systems
- 100% compatible with applications written for LAPcan, PCican, PCcan, and USBcan etc with Kvaser's CANlib
- One MMC connector that accepts MMC or SD devices, with the size of 32, 64, 128, 256 or 512 MB
- One CAN connection ISO-11898 High speed, 50kbit/s up to 1 Mbit/s (Philips TJA1050)
- Optional, second CAN connection that can be either low-speed (Philips TJA1054) or high-speed (ISO-11898)
- One USB 1.1 connection (12 Mbit/s) and USB 2.0 compliant
- Power from CAN-bus or from the USB side
- Built-in realtime clock with battery backup
- Logger status is indicated with four externally visible LEDs
- Plastic housing with dimension W\*L\*H about 50\*90\*25 mm

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## Software Operating Systems

Windows 98  
 Windows ME  
 Windows 2000  
 Windows XP