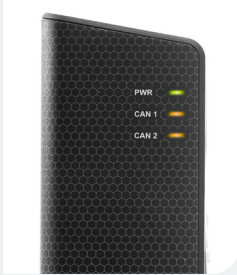






Learn more about  
this product




## Your Gateway to Efficient Connectivity

Kvaser Memorator 2xHS v2 is a compact, dual channel CAN bus interface and standalone datalogger that allows users to monitor and collect data from two high speed CAN channels simultaneously. Standalone mode logs data to an SD card; interface mode provides a real-time connection between the CAN network and a PC, via USB. As a data logger, Memorator makes for a perfect flight recorder due to its compact design. Triggers and filters can be set on this device by means of a user-friendly configuration program and stored on the standard SD card (supplied). The Kvaser Memorator 2xHS v2 is an intermediate level device. For an easy-to-use single channel data logger with no preconfiguration required, visit the Kvaser Memorator Light (00513-6). For CAN FD, advanced trigger/filter options and the ability to run user-developed scripts, plus on-device buffering, opt for the Kvaser Memorator Pro 2xHS v2 (00819-9).

 **Warranty**  
2-Year warranty. See our general conditions and policies for details.

 **Support**  
Free support for all products by contacting [support@kvaser.com](mailto:support@kvaser.com)

 **EAN**  
73-30130-00821-2

## Major Features

- Monitor two CAN channels simultaneously using just one device.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and bit (CAN 2.0B active) identifiers.
- CAN messages are time-stamped with 100 microseconds resolution.
- Supports silent mode for analysis tools – listens to the bus without interfering.
- 100% compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.
- One SD slot that accepts SD flash disks, currently up to 1 GB.
- Two high-speed CAN connections (compliant with ISO 11898-2), up to 1 Mbit/s.
- Connects to a PC with a standard USB 2.0 connection.
- Built-in real-time (calendar) clock with battery backup.
- Logger status is indicated with three externally visible LEDs.
- Plastic housing, dimension WLH ca. 55 x 150 x 23 mm (ca. 2 x 6 x 1 inch).
- Galvanic isolation.
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page ([www.kvaser.com](http://www.kvaser.com)).

## Support

Documentation, Kvaser CANlib SDK and drivers can be downloaded for free at [www.kvaser.com/downloads](http://www.kvaser.com/downloads).

Kvaser CANlib SDK is a free resource that includes everything you need to develop software for the Kvaser CAN interfaces. Includes full documentation and many program samples, written in C, C++, C#, Delphi, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.

## Technical Data

<b>Channels</b>	2
<b>CAN Bit Rate</b>	50 kbit/s to 1 Mbit/s
<b>Certificates</b>	CE, RoHS
<b>Dimensions</b>	55 x 150 x 23 mm for body incl. strain relief
<b>Error Frame Detection</b>	Yes
<b>Error Frame Generation</b>	No
<b>Galvanic Isolation</b>	Yes
<b>Interfaces</b>	CAN, SD, USB
<b>MagiSync</b>	No
<b>Messages Per Second Receive</b>	8000 msg/s per channel
<b>Messages Per Second Receive</b>	8000 msg/s per channel
<b>Power Consumption</b>	Up to 3 W
<b>Silent Mode</b>	Yes
<b>Temperature Range</b>	-40 to +85 °C
<b>Timestamp Resolution</b>	100 µs
<b>Weight</b>	150 g