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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).

-  **Warranty**
2-Year warranty. See our general conditions and policies for details.
-  **Support**
Free support for all products by contacting 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 29-bit (CAN 2.0B active) identifiers.
- CAN messages are timestamped 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.
- 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).

Support

Documentation, Kvaser SDK and drivers can be downloaded for free at www.kvaser.com/downloads.

Kvaser 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 script 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

CAN Channels	2
CAN Bit Rate	20 kbit/s to 1 Mbit/s
Dimensions	55 x 150 x 23 mm for body incl. strain relief
Error Frame Detection	Yes
Error Frame Generation	No
Galvanic Isolation	Yes
Interfaces	CAN, SD, USB
MagiSync	No
Messages Per Second Receive	8000 msg/s per channel
Messages Per Second Receive	8000 msg/s per channel
Operating Systems	Linux, Windows ¹
Power Consumption	Up to 3 W
Regulatory Compliance	CE, FCC
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	100 µs
Weight	148 g

¹ Windows 7, 8, 10 (IA-32 and x86-64)
Windows 11 (x86-64)