KVASER
Advancing connectivity

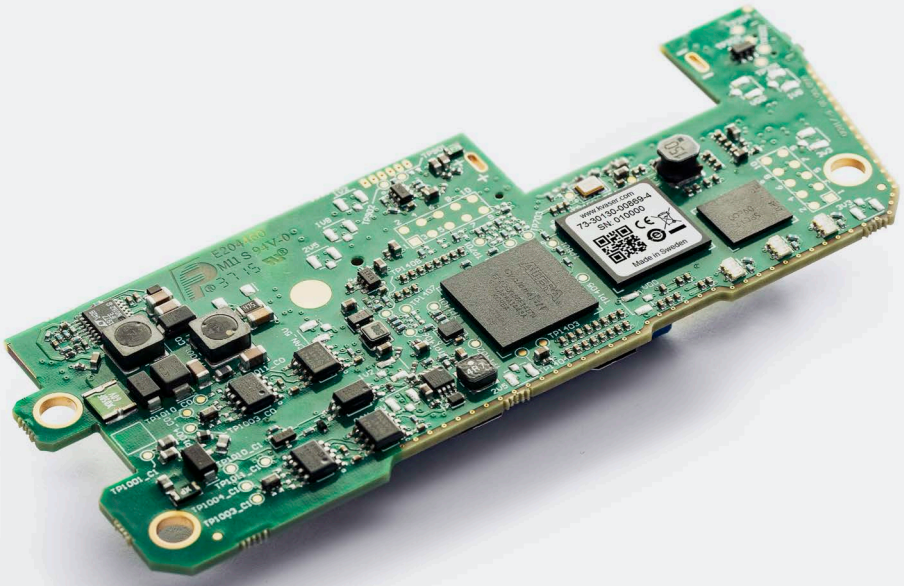
Kvaser Memorator Pro 2xHS v2 CB

Learn more about this product









Your Gateway to Efficient Connectivity

Kvaser Memorator Pro 2xHS v2 CB is a professional-level, dual channel CAN bus interface and standalone data logger offering advanced features such as message filtering, triggers, error detection and generation, silent mode, an expandable SD card slot up to 64G, and galvanic isolation. Connected to a PC with USB1.1, the Kvaser Memorator Pro 2xHS v2 CB operates as a powerful real time CAN to USB interface, whilst in data logger mode, the compact design of this device makes for the perfect flight recorder. Configurable using Kvaser's Memorator Config Tool, this device is capable of running user-developed scripts, written in the Kvaser t script language. Guidance in creating t scripts is provided. The Kvaser Memorator Pro 2xHS v2 is CAN FD compliant.

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

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-00869-4

Ref. No. 98334-2 v. 2.0

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Major Features

- Monitor two CAN channels simultaneously using just one device.
- Log data to an expandable SD card slot.
- Supports CAN FD up to 8Mbit/s (with proper physical layer implementation).
- Script functionality allows users to develop customised t-script applications written in the Kvaser *t* script language.
- Power derived from the USB connection, CAN or an in-built power supply.
- Supports silent mode for analysis tools – listens to the bus without interfering.
- Detection and generation of error frames and remote frames.
- LED lights alert user to device status, including signalling a full SD card or card error.
- Galvanically isolated CAN bus drivers.
- Automatically time synchronises the data transmitted and received across both buses.
- Built-in Kvaser MagiSync™ technology time synchronises with other Kvaser interfaces connected to the same PC, resulting in simpler and more accurate multichannel data capture.
- Plug and play installation, and a comprehensive user guide to help make t script development quick and easy.
- 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 Bit Rate	20-1000 kpps
CAN FD Bit Rate	Up to 8 Mbit/s (with proper physical layer)
CAN Channels	2
Connectors	Molex 51021 PicoPlade™
Current Consumption	Up to 3 W
Dimensions	46 x 117 x 16 mm
Error Frame Generation	Yes
Error Frame Detection	Yes
Galvanic Isolation	Yes
Interfaces	CAN, SD, USB
Messages Per Second Receive	20000 mps
Messages Per Second Receive	20000 mps
Operating Systems	Linux, Windows [1]
Regulatory Compliance	CE, FCC
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp	1 µs
Weight	42 g

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

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