



## **KVASER MEMORATOR PRO 2XHS V2**

EAN 73-30130-00819-9

Kvaser Memorator Pro 2xHS v2 is a professional-level, dual-channel CAN bus interface and stand-alone 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 operates as a powerful real-time CAN-to-USB interface, while 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 programming language. Guidance in creating t programs is provided. The Kvaser Memorator Pro 2xHS v2 is CAN FD compliant.

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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 8 Mbit/s (with proper physical layer implementation).
- Script functionality allows users to develop customised t-script applications written in the Kvaser t programming 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 signaling 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.
- Extended operating temperature range from -40 to 85 °C.
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet.
- Plug-and-play installation, and a comprehensive user guide to help make t-script development quick and easy.

## Technical Data

CAN Bit Rate	50 kbit/s to 1 Mbit/s
CAN FD Bit Rate	Up to 8 Mbit/s (with proper physical layer)
Temp Range	-40° C to +85° C
Power Consumption	Up to 3W
Height	23 mm
Length	150 mm
Width	55 mm
Weight	150 g
Messages Per Second Sending	20000 msg/s per channel
Messages Per Second Receive	20000 msg/s per channel
Channels	2
Certificates	CE, RoHS
PC Interface	USB 2.0
OS	Linux, Win Vista, Win 10, Win 8, Win 7, Win XP
Galvanic Isolation	Yes
Error Frame Generation	Yes
Error Frame Detection	Yes
Silent Mode	Yes
Time Stamp Resolution	1 ms
MagiSync	Yes

**WARRANTY**  
2-Year Warranty. See our General Conditions and Policies for details.

**SUPPORT**  
Free Technical Support on all products available by contacting [support@kvaser.com](mailto:support@kvaser.com)

**SOFTWARE**  
Documentation, software 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, Java, Python, and Visual Basic.

All Kvaser CAN interface boards share a common software API. Programs written for one interface type will run without modifications on the other interface types!

J2534 Application Programming Interface available.

RP1210A Application Programming Interface available.

Online documentation in Windows HTML-Help and Adobe Acrobat format.