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this product



Your Gateway to Efficient Connectivity

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 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**
73-30130-00819-9

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.
- 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 a more accurate and easier multichannel data capture.
- Plug-and-play installation, and a comprehensive user guide to help make 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 kbp/s |
| CAN FD Bit Rate | Up to 8 Mbit/s (with proper physical layer) |
| Channels | 2 |
| Connectors | 26-pin HD D-SUB |
| Dimensions | 55 x 150 x 23 mm |
| Error Frame Detection | Yes |
| Error Frame Generation | Yes |
| Galvanic Isolation | Yes |
| Interfaces | USB, CAN, SD |
| Messages Per Second Receive | 20000 msg/s per channel |
| Messages Per Second Sending | 20000 msg/s per channel |
| MagiSync | Yes |
| Operating Systems | Linux, Windows ¹ |
| Regulatory Compliance | CE, FCC |
| Silent Mode | Yes |
| Temperature Range | -40 to +85 °C |
| Timestamp Resolution | 1 µs |
| Weight | 148 g |

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