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KVASER MEMORATOR 2XHS V2

EAN 73-30130-00821-2

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).

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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 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 with dimension WLH about 55 x 150 x 23 mm (circa 2 x 6 x 1 inch).
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet.
- Galvanic isolation.

Technical Data

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|-----------------------------|--|
| CAN Bit Rate | 50 kbit/s to 1 Mbit/s |
| Temp Range | -20° C to +70° C |
| Power Consumption | Up to 3W |
| Height | 23 mm |
| Length | 150 mm |
| Width | 55 mm |
| Weight | 155 g |
| Messages Per Second Sending | 8000 msg/s per channel |
| Messages Per Second Receive | 8000 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 | No |
| Error Frame Detection | Yes |
| Silent Mode | Yes |
| Time Stamp Resolution | 100 µs |
| MagiSync | No |

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

SOFTWARE

Documentation, software and drivers can be downloaded for free at: 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.