



Kvaser Memorator HS/HS

EAN: 73-30130-00175-6

NOTE: The Kvaserhas been marked "Not For New Designs". Existing customers are encouraged to migrate to the [Kvaser Memorator 2xHS v2 \(73-30130-00821-2\)](#).

Kvaser Memorator HS/HS is a dual channel, intermediate performance, CAN (controller area network) bus interface and standalone datalogger with two high-speed CAN channels. In interface mode, it connects to a PC with USB1.1. As a data logger, Memorator makes for a perfect flight recorder due its compact design. Logging data to a standard SD card (supplied) or MMC disk; triggers, filters etc. can be set via our user-friendly configuration program and stored on the flash disk.

Major Features

- One device for desktop and laptop. 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 10 microseconds resolution.
- Large on-board RAM buffer for CAN messages.
- Supports "listen-only" mode for bus analysis tools.
- Driver support for major operating systems.
- 100% compatible with applications written for Leaf, LAPcan, PClcan, PCcan and USBcan with Kvaser's CANlib.
- One SD/MMC slot that accepts SD or MMC flash disks, currently up to 1 GB.
- Two CAN connections ISO-11898 high-speed, 50kbit/s up to 1 Mbit/s (Philips TJA1050).
- One USB 1.1 connection (12 Mbit/s). This connection is compatible with USB 2.0.
- Power from CAN bus or from the USB side.
- Built-in real time (calendar) clock with battery backup.
- Logger status is indicated with four externally visible LEDs.
- Plastic housing with dimension WLH about 509025 mm (circa 2 x 3,5 x 1 inch).
- NOTE: Product ships with Commercial Grade SD card (-20 to +70°C). Industrial Grade SD cards(-40 to +85°C)are available for additional purchase. [Contact your local Kvaser office](#)for details.

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 [link] 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, 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.
- On-line documentation in Windows HTML-Help and Adobe Acrobat format.

TECHNICAL DATA - KVASER MEMORATOR HS/HS

| | |
|---------------------------------|---------------------|
| MSGRATE RX MAX | 12000 |
| SOUND | No |
| MAGISYNC | N/A |
| ON-BOARD RX BUFFER | Yes |
| DATABASE DBC SUPPORT | Yes |
| PRODUCT GROUPS | CAN Loggers |
| CASING MATERIAL | PC-ABS |
| API, LICENCED | None |
| RUGGED | No |
| ERROR FRAME GENERATION | Yes |
| STATUS | Not for new designs |
| MAX CARD SIZE | 1 |
| CURRENT CONSUMPTION | 1W |
| GALVANIC ISOLATION | No |
| # OF CAN CHANNELS | 2 |
| ERROR FRAME GENERATION | Yes |
| MAXIMUM BITRATE (KBPS) | 1000 |
| NETWORK CHANNEL(S) | 2 x CAN HS |
| CASING MATERIAL | PC-ABS |
| OPERATING TEMPERATURE RANGE (C) | -25.00 to 85.00 |
| CERTIFICATIONS | CE,RoHS |
| NETWORK CHANNEL(S) | 2 x CAN HS |
| MAXIMUM BITRATE (KBPS) | 1000 |
| SILENT MODE | Yes |
| HEIGHT (MM) | 25 |
| CURRENT CONSUMPTION | 1W |
| ERROR COUNTERS READING | Yes |

| | |
|---------------------------|--|
| TIMESTAMP RESOLUTION (US) | 30 |
| ON-BOARD RX BUFFER | No |
| # OF CAN CHANNELS | 2 |
| GALVANIC ISOLATION | No |
| CB BOARD | No |
| SILENT MODE | Yes |
| LENGTH (MM) | 90 |
| PLAY BACK LOG FILE | No |
| OPERATING SYSTEM | Win XP, Linux, Win 7, Win Vista, Win 10, Win 8 |
| CAN FD | No |
| MINIMUM BITRATE (KBPS) | 50 |
| MAX CARD SIZE | 1 |
| PLAY BACK LOG FILE | No |
| CAN FD | No |
| EMBEDDED SCRIPT | No |
| MSGRATE TX MAX | 6000 |
| MSGRATE RX MAX | 12000 |
| API, FREE | Kvaser API, J2534, RP1210 |
| WIDTH (MM) | 50 |
| PRODUCT GROUPS | CAN Loggers |
| RUGGED | No |
| DATABASE DBC SUPPORT | Yes |
| ON-BOARD TX BUFFER | No |
| HEIGHT (MM) | 25 |
| ON-BOARD TX BUFFER | Yes |
| CONNECTOR | DSUB 9 |
| IP CLASS | IP30 |
| CONNECTOR | DSUB 9 |

| | |
|---------------------------------|---|
| ERROR FRAME DETECTION | Yes |
| ON-BOARD BUFFER | Yes |
| ERROR FRAME DETECTION | Yes |
| API, FREE | Kvaser API, J2534, RP 1210 |
| STATUS | Not for new designs |
| TIMESTAMP RESOLUTION (US) | 30 |
| EMBEDDED SCRIPT | No |
| ERROR COUNTERS READING | Yes |
| PC INTERFACE | USB |
| IP CLASS | IP30 |
| WEIGHT (G) | 150.0 |
| INCLUDED CARD SIZE | 128MB |
| MINIMUM BITRATE (KBPS) | 50 |
| CLOCK SYNC | No |
| OPERATING TEMPERATURE RANGE (C) | -25.00 to 85.00 |
| SOUND | No |
| LENGTH (MM) | 90 |
| CERTIFICATIONS | CE,RoHS |
| INCLUDED CARD SIZE | 128MB |
| CLOCK SYNC | No |
| WEIGHT (G) | 150.0 |
| CB BOARD | No |
| WIDTH (MM) | 50 |
| ON-BOARD BUFFER | Yes |
| MSGRATE TX MAX | 6000 |
| API, LICENCED | |
| OPERATING SYSTEM | Win XP,Linux,Win 7,Win Vista,Win 10,Win 8 |
| PC INTERFACE | USB |



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The information herein is subject to change without notice

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