



### Kvaser Memorator Light HS

EAN: 73-30130-00513-6

Designed for troubleshooting any CAN-based (controller area network) system, the Kvaser Memorator Light HS is an easy-to-use tool for logging serial data, with no preconfiguration or software setup required. With an autobaud function that determines CAN bus bit rate, the Kvaser Memorator Light can be attached to any high-speed CAN bus without configuration. All CAN bus traffic is logged in a circular buffer, overwriting the oldest data when the buffer becomes full. A separate circular buffer keeps track of error frame conditions and the message traffic that occurs near the conditions.

### Major Features

- Single high-speed CAN channel (compliant with ISO 11898-2).
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Supports bit rates from 10 Kbit/sec up to 1 Mbit/sec.
- Auto detects bit rate - removes the need for configuration.
- Always in silent mode - log bus traffic without interfering.

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- 1 GByte of internal memory for message storage.
- All received CAN frames recorded in a circular buffer - oldest data overwritten by newest.
- A second circular buffer records 1000 messages before and after an error frame occurs.
- The Kvaser Memorator Light extraction software provides easy access to the recorded data when connected to the device via a USB port. The tool supports multiple formats used by popular analysis software. In addition, the extraction software allows the user to clear and reinitialize the device's memory.

## Warranty

- 2-Year Warranty. See our General Conditions and Policies for details. Register your product at [kvaser.com/getting-started](https://kvaser.com/getting-started) for an additional 1-year Warranty Extension.

## 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 [kvaser.com/downloads](https://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, 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.



## Kvaser Memorator Light HS

### TECHNICAL DATA - KVASER MEMORATOR LIGHT HS

|                                 |  |
|---------------------------------|--|
| EMBEDDED SCRIPT                 | No   |
| ON-BOARD TX BUFFER              | No   |
| PROMOTIONAL_TEXT                | Auto-configured single channel CAN data logger.<br>Fixed 1GB memory.                 |
| STATUS                          | Obsolete   |
| IP CLASS                        | IP40   |
| PC INTERFACE                    | USB  |
| CLOCK SYNC                      | No   |
| INTERNAL MEMORY                 | 1  |
| CURRENT CONSUMPTION             | “~5 V and 130mA if powered from the USB and ~<br>850mW if powered from the CAN bus.” |
| HEIGHT (MM)                     | 22   |
| LENGTH (MM)                     | 115  |
| # OF CAN CHANNELS               | 1  |
| WEIGHT (G)                      | 150.0  |
| OPERATING TEMPERATURE RANGE (C) | -40 °C to +85 °C   |
| CERTIFICATIONS                  | CE,RoHS  |
| ERROR COUNTERS READING          | No   |
| API, LICENCED                   | None   |
| ERROR FRAME DETECTION           | Yes  |
| MAXIMUM BITRATE (KBPS)          | 1000   |
| ON-BOARD BUFFER                 | No   |
| RUGGED                          | No   |
| MINIMUM BITRATE (KBPS)          | 10   |
| ON-BOARD RX BUFFER              | No   |
| CIRCUIT BOARD                   | No   |
| DATABASE DBC SUPPORT            | No   |
|                                 |  |

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|                           |                          |
|---------------------------|--------------------------|
| SILENT MODE               | Yes                      |
| GALVANIC ISOLATION        | No                       |
| ERROR FRAME GENERATION    | No                       |
| OPERATING SYSTEM          | Linux,Win 7,Win 10,Win 8 |
| MSGRATE RX MAX            | 6000                     |
| NETWORK CHANNEL(S)        | 1 x CAN HS               |
| TIMESTAMP RESOLUTION (US) | 2                        |
| CASING MATERIAL           | PC-ABS                   |
| CAN FD                    | No                       |
| WIDTH (MM)                | 46                       |
| PRODUCT GROUPS            | CAN Loggers              |
| CONNECTOR                 | DSUB 9                   |
| SOUND                     | No                       |
| API, FREE                 | Kvaser API               |
| MSGRATE TX MAX            | N/A                      |

The information herein is subject to change without notice