

Kvaser Memorator Light HS



Designed for troubleshooting any CAN-based system, the Kvaser Memorator Light is an easy-to-use tool for logging serial data, with no preconfiguration or software setup required.

The Kvaser Memorator Light is a preconfigured data logger designed for ease of use.

Using an autobaud function to determine the CAN bus bit rate, the Kvaser Memorator Light can be attached to any high-speed CAN bus without configuration. The device will log all CAN bus traffic in a circular buffer, overwriting the oldest data when the buffer becomes full. The device also keeps track of Error Frame conditions and the message traffic that occurs near the conditions in a separate circular buffer. The built-in memory prevents data corruption from SD card mishandling and connector damage. The included software extracts the recorded data through the USB 2.0 interface.

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.
- 1 GByte of internal memory for message storage.
- All received CAN frames are recorded in a circular buffer - oldest data is overwritten with the newest.
- A second circular buffer records 1000 messages before and after an error frame occurrence.

Kvaser Memorator Light Extraction Software

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.

Technical Data

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Galvanic Isolation	No
Bitrate	10-1000 kbit/s
Silent mode	Yes
Error frame generation	No
Error frame detection	Yes
Weight	150g
Timestamp resolution	2µs
On board buffer	Yes
Maximum message rate, send	0
Maximum message rate, receive	20000
Sound	No
Clock synchronization	N/A
Dimensions (WxLxH)	50x90x25mm
Temperature range	-40°C to +85°C
Order number	73-30130-00513-6

The information herein is subject to change without notice