

## Kvaser Memorator Light HS

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

**Part No:MPKV-CAN-U2C-MEMO-Light-HS**



### Description

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 Specification

Property	Value
Galvanic Isolation	No
Bitrate	10-1000 kbit/s
Silent mode	Yes
Error frame generation	No

Property	Value
Error frame detection	Yes
Weight	150 g
Timestamp resolution	2
On board buffer	Yes
Maximum message rate, send	20000
Maximum message rate, receive	20000
Sound	No
Clock synchronization	N/A
Dimensions (WxLxH)	50x90x25 mm (2.0x3.5x1.0in.)

### Kvaser Memorator Light HS (No. 73-03130-00513-6)

