



### 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.



- 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.

## 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 [www.kvaser.com/downloads](http://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, 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 LIGHT HS

SOUND	No
# OF CAN CHANNELS	1
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
API, LICENCED	
CLOCK SYNC	No
MSGRATE TX MAX	N/A
LISTPRICE:SEK	4100.00
# OF CAN CHANNELS	1
CURRENT CONSUMPTION	
MAXIMUM BITRATE (KBPS)	1000
STATUS	Not for new designs
TIMESTAMP RESOLUTION (US)	2
CERTIFICATIONS	CE,RoHS
LISTPRICE:SEK	4100.00
CAN FD	No
WIDTH (MM)	46
LISTPRICE:EURO	405.00
ERROR FRAME DETECTION	Yes
ON-BOARD RX BUFFER	No
CONNECTOR	DSUB 9
PRICE:HK	627.00
DATABASE DBC SUPPORT	No
CB BOARD	No
LENGTH (MM)	115
PC INTERFACE	USB
SILENT MODE	Yes
LISTPRICE:HK	570.00

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## Kvaser Memorator Light HS

HEIGHT (MM)	22
PROMOTIONAL_TEXT	Auto-configured single channel CAN data logger. Fixed 1GB memory.
LISTPRICE:HK	570.00
ERROR COUNTERS READING	No
GALVANIC ISOLATION	No
SILENT MODE	Yes
WEIGHT (G)	150.0
PC INTERFACE	USB
PRICE:HK	627.00
MSGRATE RX MAX	6000
EMBEDDED SCRIPT	No
TIMESTAMP RESOLUTION (US)	2
PRODUCT GROUPS	CAN Loggers
CLOCK SYNC	No
ERROR COUNTERS READING	No
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
ON-BOARD TX BUFFER	No
API, FREE	Kvaser API
API, FREE	Kvaser API, J2534, RP 1210
WEIGHT (G)	150.0
RUGGED	No
LISTPRICE:EURO	405.00
LISTPRICE:RMB	4100.00
IP CLASS	IP40
ON-BOARD BUFFER	No
PRODUCT GROUPS	CAN Loggers
HEIGHT (MM)	22

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## Kvaser Memorator Light HS

WIDTH (MM)	46
CAN FD	No
EMBEDDED SCRIPT	No
SOUND	No
MINIMUM BITRATE (KBPS)	10
STATUS	Not for new designs
MSGRATE RX MAX	6000
CONNECTOR	DSUB 9
ERROR FRAME DETECTION	Yes
IP CLASS	IP40
NETWORK CHANNEL(S)	1 x CAN HS
INTERNAL MEMORY	1
ON-BOARD BUFFER	No
LENGTH (MM)	115
RUGGED	No
MINIMUM BITRATE (KBPS)	10
INTERNAL MEMORY	1
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
PROMOTIONAL_TEXT	CAN 1 Gb
CURRENT CONSUMPTION	“~5 V and 130mA if powered from the USB and ~850mW if powered from the CAN bus.”
API, LICENCED	None
GALVANIC ISOLATION	No
ON-BOARD TX BUFFER	No
DATABASE DBC SUPPORT	No
ON-BOARD RX BUFFER	No
LISTPRICE:RMB	4100.00
ERROR FRAME GENERATION	No

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## Kvaser Memorator Light HS

CASING MATERIAL	PC-ABS
MSGRATE TX MAX	N/A
LISTPRICE:USD	570.00
CB BOARD	No
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
MAXIMUM BITRATE (KBPS)	1000
ERROR FRAME GENERATION	No
CASING MATERIAL	PC-ABS
CERTIFICATIONS	CE, RoHS
LISTPRICE:USD	570.00
NETWORK CHANNEL(S)	

The information herein is subject to change without notice