



### 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 \(73-30130-00821-2\)](https://www.kvaser.com/products/kvaser-memorator-2xhs-v2).

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.

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- 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](http://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

ERROR FRAME DETECTION	Yes
ERROR FRAME GENERATION	Yes
MAX CARD SIZE	1
PC INTERFACE	USB
DATABASE DBC SUPPORT	Yes
GALVANIC ISOLATION	No
TIMESTAMP RESOLUTION (US)	30
SILENT MODE	Yes
# OF CAN CHANNELS	2
ERROR FRAME GENERATION	Yes
EMBEDDED SCRIPT	No
CURRENT CONSUMPTION	1W
MINIMUM BITRATE (KBPS)	50
MSGRATE RX MAX	12000
MINIMUM BITRATE (KBPS)	50
EMBEDDED SCRIPT	No
WEIGHT (G)	150.0
NETWORK CHANNEL(S)	2 x CAN HS
MSGRATE TX MAX	6000
CLOCK SYNC	No
PRODUCT GROUPS	CAN Loggers
SOUND	No
MAXIMUM BITRATE (KBPS)	1000
CERTIFICATIONS	CE,RoHS
PLAY BACK LOG FILE	No
WEIGHT (G)	150.0
MAX CARD SIZE	1

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API, FREE	Kvaser API, J2534, RP1210
ON-BOARD RX BUFFER	Yes
ON-BOARD TX BUFFER	No
WIDTH (MM)	50
CONNECTOR	DSUB 9
CURRENT CONSUMPTION	1W
STATUS	Not for new designs
API, LICENCED	None
HEIGHT (MM)	25
NETWORK CHANNEL(S)	2 x CAN HS
STATUS	Not for new designs
IP CLASS	IP30
RUGGED	No
CB BOARD	No
CASING MATERIAL	PC-ABS
WIDTH (MM)	50
SOUND	No
GALVANIC ISOLATION	No
HEIGHT (MM)	25
INCLUDED CARD SIZE	128MB
OPERATING TEMPERATURE RANGE (C)	-25.00 to 85.00
# OF CAN CHANNELS	2
CASING MATERIAL	PC-ABS
RUGGED	No
KVASER PRODUCT PAGE CONFIG	Hide Tech Specs
ERROR COUNTERS READING	Yes
MSGRATE RX MAX	12000
TIMESTAMP RESOLUTION (US)	30

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## Kvaser Memorator HS/HS

LENGTH (MM)	90
IP CLASS	IP30
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
ON-BOARD BUFFER	Yes
OPERATING TEMPERATURE RANGE (C)	-25.00 to 85.00
ERROR COUNTERS READING	Yes
CONNECTOR	DSUB 9
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
INCLUDED CARD SIZE	128MB
LENGTH (MM)	90
CERTIFICATIONS	CE, RoHS
MAXIMUM BITRATE (KBPS)	1000
CAN FD	No
PC INTERFACE	USB
PLAY BACK LOG FILE	No
CLOCK SYNC	No
PRODUCT GROUPS	CAN Loggers
SILENT MODE	Yes
CAN FD	No
API, FREE	Kvaser API, J2534, RP 1210
ERROR FRAME DETECTION	Yes
ON-BOARD TX BUFFER	Yes
ON-BOARD BUFFER	Yes
DATABASE DBC SUPPORT	Yes
ON-BOARD RX BUFFER	No
API, LICENCED	
MSGRATE TX MAX	6000
CB BOARD	No

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MAGISYNC	N/A
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The information herein is subject to change without notice