



Kvaser Memorator 2xHS v2

EAN: 73-30130-00821-2

The Kvaser Memorator 2xHS v2 is a compact, dual channel CAN bus interface and standalone datalogger that allows users to monitor and collect data from two high speed CAN channels simultaneously. Standalone mode logs data to an SD card; interface mode provides a real-time connection between the CAN network and a PC, via USB.

As a data logger, Memorator makes for a perfect flight recorder due to its compact design. Triggers and filters can be set on this device by means of a user-friendly configuration program and stored on the standard SD card (supplied).

The Kvaser Memorator 2xHS v2 is an intermediate level device. For an easy-to-use single channel data logger with no preconfiguration required, visit the Kvaser Memorator Light (00513-6). For advanced trigger and filter options and the ability to run user-developed scripts, plus on-device buffering, opt for the Kvaser Memorator Pro 2xHS v2 (00819-9).



Major Features of Kvaser Memorator 2xHS v2:

- Monitor two CAN channels simultaneously using just one device.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- CAN messages are time-stamped with 100 microseconds resolution.
- Supports silent mode for analysis tools – listens to the bus without interfering.
- Fully compatible with applications written for other Kvaser CAN hardware using Kvaser CANlib.
- One SD slot that accepts SD flash disks, currently up to 64GB.
- Two high-speed CAN connections (compliant with ISO 11898-2), up to 1 Mbit/s.
- Connects to a PC with a standard USB 2.0 connection.
- Power from CAN bus or from the USB side.
- Built-in real time (calendar) clock with battery backup.
- Logger status is indicated by externally visible LEDs.
- Plastic housing with dimension WLH about 55 x 150 x 23 mm (circa 2 x 6 x 1 inch).
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet.
- Galvanic isolation.
- Support for SocketCAN, see [elinux.org](http://linux.org) 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.
- 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, Java, Python 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 is available.
- RP1210A Application Programming Interface is available.
- Documentation in Windows HTML-Help and Adobe Acrobat format.



TECHNICAL DATA - KVASER MEMORATOR 2XHS V2

WIDTH (MM)	55
PRODUCT GROUPS	CAN Loggers
STATUS	Active
CERTIFICATIONS	CE,RoHS
INCLUDED CARD SIZE	16GB
HEIGHT (MM)	23
API, LICENCED	none
WEIGHT (G)	155.0
NETWORK CHANNEL(S)	2 x CAN HS
INTERNAL MEMORY	N/A
ON-BOARD BUFFER	Yes
SOUND	No
DATABASE DBC SUPPORT	Yes
OPERATING TEMPERATURE RANGE (C)	-20.00 to 70.00
MSGRATE RX MAX	8000
ERROR FRAME GENERATION	No
EMBEDDED SCRIPT	No
TIMESTAMP RESOLUTION (US)	100
MSGRATE TX MAX	8000
LENGTH (MM)	150
MINIMUM BITRATE (KBPS)	50
SILENT MODE	Yes
ON-BOARD TX BUFFER	Yes
MAXIMUM BITRATE (KBPS)	1000
API, FREE	Kvaser API, J2534, RP 1210
CURRENT CONSUMPTION	Up to 3W
OPERATING SYSTEM	Win 7,Win Vista,Win 10,Win 8



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PC INTERFACE	USB
RUGGED	No
CAN FD	No
GALVANIC ISOLATION	Yes
ERROR FRAME DETECTION	Yes
CLOCK SYNC	Yes
CB BOARD	No
MAX CARD SIZE	64+
ON-BOARD RX BUFFER	Yes
PROMOTIONAL_TEXT	Dual channel standalone data logger and USB-to-CAN interface.
CASING MATERIAL	PA66
# OF CAN CHANNELS	2
IP CLASS	IP40
MAGISYNC	No
CONNECTOR	DSUB 9

The information herein is subject to change without notice