



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 64 GB.
- 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.

## 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 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

ERROR FRAME DETECTION	Yes
HEIGHT (MM)	23
WIDTH (MM)	55
INCLUDED CARD SIZE	16GB
CB BOARD	No
WIDTH (MM)	55
ON-BOARD RX BUFFER	Yes
MSGRATE RX MAX	8000
MINIMUM BITRATE (KBPS)	50
CONNECTOR	DSUB 9
LENGTH (MM)	150
WEIGHT (G)	155.0
RUGGED	No
DATABASE DBC SUPPORT	Yes
MAGISYNC	No
MAX CARD SIZE	64+
CASING MATERIAL	PA66
SILENT MODE	Yes
IP CLASS	IP40
ON-BOARD TX BUFFER	Yes
OPERATING TEMPERATURE RANGE (C)	-20.00 to 70.00
API, LICENCED	none
# OF CAN CHANNELS	2
GALVANIC ISOLATION	Yes
CAN FD	No
ERROR FRAME DETECTION	Yes
MAGISYNC	No

SOUND	No
OPERATING SYSTEM	Win Vista,Win 10,Win 8,Win 7
DATABASE DBC SUPPORT	Yes
NETWORK CHANNEL(S)	2 x CAN HS
EMBEDDED SCRIPT	No
STATUS	Active
TIMESTAMP RESOLUTION (US)	100
MSGRATE TX MAX	8000
CAN FD	No
MSGRATE TX MAX	8000
API, FREE	Kvaser API, J2534, RP 1210
CLOCK SYNC	Yes
PRODUCT GROUPS	CAN Loggers
OPERATING SYSTEM	Win 10,Win Vista,Win 8,Win 7
SILENT MODE	Yes
INTERNAL MEMORY	N/A
INTERNAL MEMORY	N/A
API, FREE	Kvaser API, J2534, RP 1210
CB BOARD	No
GALVANIC ISOLATION	Yes
MSGRATE RX MAX	8000
ON-BOARD BUFFER	Yes
WEIGHT (G)	155.0
ERROR FRAME GENERATION	No
PRODUCT GROUPS	CAN Loggers
TIMESTAMP RESOLUTION (US)	100
NETWORK CHANNEL(S)	2 x CAN HS
PC INTERFACE	USB

CASING MATERIAL	PA66
INCLUDED CARD SIZE	16GB
# OF CAN CHANNELS	2
CERTIFICATIONS	CE,RoHS
ERROR FRAME GENERATION	No
CERTIFICATIONS	CE,RoHS
EMBEDDED SCRIPT	Yes
OPERATING TEMPERATURE RANGE (C)	-20.00 to 70.00
CURRENT CONSUMPTION	Up to 3W
RUGGED	No
STATUS	
IP CLASS	IP40
PC INTERFACE	USB
MAXIMUM BITRATE (KBPS)	1000
MAX CARD SIZE	64+
HEIGHT (MM)	23
CURRENT CONSUMPTION	3W
MINIMUM BITRATE (KBPS)	50
CONNECTOR	DSUB 9
MAXIMUM BITRATE (KBPS)	1000
SOUND	No
LENGTH (MM)	150

The information herein is subject to change without notice