



Kvaser Memorator HS/HS

EAN: 73-30130-00175-6

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.
- 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, PCican, 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).

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 [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 GENERATION	Yes
ON-BOARD BUFFER	Yes
MINIMUM BITRATE (KBPS)	50
WIDTH (MM)	50
SILENT MODE	Yes
CASING MATERIAL	-
SOUND	No
API, LICENCED	None
API, FREE	Kvaser API, J2534, RP 1210
WEIGHT (G)	150.0
ERROR FRAME DETECTION	Yes
OPERATING TEMPERATURE RANGE (C)	-25.00 to 85.00
ON-BOARD TX BUFFER	N/A
ON-BOARD RX BUFFER	N/A
MSGRATE TX MAX	6000
EMBEDDED SCRIPT	No
# OF CAN CHANNELS	2
PC INTERFACE	USB
CERTIFICATIONS	CE,RoHS
MAXIMUM BITRATE (KBPS)	1000
GALVANIC ISOLATION	No
TIMESTAMP RESOLUTION (US)	30
NETWORK CHANNEL(S)	2 x CAN HS
IP CLASS	N/A
LENGTH (MM)	90
HEIGHT (MM)	25



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OPERATING SYSTEM	Win Vista,Win 8,Win 7,Win XP
ERROR COUNTERS READING	Yes
CONNECTOR	DSUB 9
STATUS	Active
MSGRATE RX MAX	12000
RUGGED	No
CLOCK SYNC	No

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