Kvaser Memorator HS/HS

EAN: 73-30130-00175-6

NOTE: The Kvaser has been marked "Not For New Designs". Existing customers are encouraged to migrate to the Kvaser Memorator 2xHS v2 (73-30130-00821-2).

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).
- 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.
- 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

MAXIMUM BITRATE (KBPS)	1000
IP CLASS	IP30
NETWORK CHANNEL(S)	2 x CAN HS
MSGRATE TX MAX	6000
HEIGHT (MM)	25
OPERATING SYSTEM	Win 10,Win Vista,Linux,Win 8,Win 7,Win XP
EMBEDDED SCRIPT	No
CASING MATERIAL	PC-ABS
SILENT MODE	Yes
CURRENT CONSUMPTION	1W
MAGISYNC	N/A
HEIGHT (MM)	25
TIMESTAMP RESOLUTION (US)	30
EMBEDDED SCRIPT	No
CLOCK SYNC	No
GALVANIC ISOLATION	No
MAX CARD SIZE	1
LENGTH (MM)	90
CERTIFICATIONS	CE,RoHS
STATUS	Active
INCLUDED CARD SIZE	128MB
OPERATING TEMPERATURE RANGE (C)	-25.00 to 85.00
CAN FD	No
MINIMUM BITRATE (KBPS)	50
TIMESTAMP RESOLUTION (US)	30
WIDTH (MM)	50
ON-BOARD BUFFER	Yes

CAN FD	No
SILENT MODE	Yes
MSGRATE TX MAX	6000
GALVANIC ISOLATION	No
STATUS	Not for new designs
NETWORK CHANNEL(S)	2 x CAN HS
ON-BOARD RX BUFFER	Yes
CB BOARD	No
API, LICENCED	None
MSGRATE RX MAX	12000
PLAY BACK LOG FILE	No
# OF CAN CHANNELS	2
CB BOARD	No
OPERATING SYSTEM	Linux,Win Vista,Win 10,Win 8,Win 7,Win XP
ERROR COUNTERS READING	Yes
PRODUCT GROUPS	CAN Loggers
ERROR FRAME DETECTION	Yes
LENGTH (MM)	90
API, FREE	Kvaser API, J2534, RP 1210
API, FREE	Kvaser API, J2534, RP1210
DATABASE DBC SUPPORT	Yes
WEIGHT (G)	150.0
CONNECTOR	DSUB 9
# OF CAN CHANNELS	2
PRODUCT GROUPS	CAN Loggers
ON-BOARD TX BUFFER	Yes
ERROR FRAME GENERATION	Yes
WEIGHT (G)	150.0

MAXIMUM BITRATE (KBPS)	1000
API, LICENCED	
ERROR FRAME DETECTION	Yes
PC INTERFACE	USB
ERROR FRAME GENERATION	Yes
SOUND	No
CERTIFICATIONS	CE,RoHS
ON-BOARD RX BUFFER	No
CLOCK SYNC	No
ON-BOARD BUFFER	Yes
INCLUDED CARD SIZE	128MB
IP CLASS	IP30
SOUND	No
ON-BOARD TX BUFFER	No
CURRENT CONSUMPTION	1W
WIDTH (MM)	50
DATABASE DBC SUPPORT	Yes
ERROR COUNTERS READING	Yes
OPERATING TEMPERATURE RANGE (C)	-25.00 to 85.00
PC INTERFACE	USB
RUGGED	No
CONNECTOR	DSUB 9
MSGRATE RX MAX	12000
MAX CARD SIZE	1
PLAY BACK LOG FILE	No
RUGGED	No
CASING MATERIAL	PC-ABS
MINIMUM BITRATE (KBPS)	50

The information herein is subject to change without notice