

Kvaser Memorator R SemiPro



Kvaser Memorator R SemiPro is a ruggedised, two channel CAN bus interface and standalone Datalogger. Standalone mode logs data to an expandable SD card slot; interface mode connects to the PC with USB2.0. The Memorator R SemiPro contains an advanced set of features: Message Filtering, Triggers, Error Detection Mode, Battery Backup, Integrated SD Card, Linx J1587 compatible, Galvanic Isolation and much more. Configurable using Kvaser's included Memorator Tools software.

Kvaser Memorator R SemiPro is a small, yet advanced portable CAN data logger. The device can be configured in many different ways to achieve the most suitable and effective logging for any occasion. Connecting the logger to a PC provides direct access for configuring baud rates, trigger conditions and filters using the standalone Kvaser Memorator Tools. To get a rugged design the SD-disk is located inside the unit and soldered to the PCB to make sure it works error free even when exposed to vibration and shocks.

Kvaser Memorator R SemiPro can also be used as a powerful two channel real time CAN to USB interface - two products in one!

Major features of Kvaser Memorator

- One device for desktop and laptop.
- Functionality of a standalone CAN bus data logger and a USB CAN bus interface in a single device.
- Support for Kvaser Linx J1587.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B) identifiers.
- CAN messages are time-stamped with 2 microseconds resolution.

- Large on-board RAM buffer for CAN messages.
- 100% compatible with applications written for Kvaser Leaf, LAPcan, PCican, PCcan, USBcan, etc., with Kvaser's CANlib.
- Galvanic isolation to protect the hardware.
- Power from CAN bus or from the USB side.
- Built-in real time (calendar) clock with battery backup.
- Logger status is indicated with five externally visible LEDs.
- IP67 rated lightweight aluminium housing

Technical Data

Kvaser Memorator R SemiPro

Galvanic Isolation	Yes
Bitrate	20-1000 kbit/s
Silent mode	Yes
Error frame generation	Yes
Error frame detection	Yes
Weight	190g
Timestamp resolution	2µs
On board buffer	Yes
Maximum message rate, send	20000
Maximum message rate, receive	20000
Sound	No
Clock synchronization	MagiSync
Dimensions (WxLxH)	30x200x20mm
Temperature range	-40°C to +85°C
Order number	73-30130-00490-0

The information herein is subject to change without notice