Learn more about
this product

Your Gateway to
Efficient Connectivity

Kvaser Memorator Professional 5xHS is a five-channel, high-performance CAN bus interface and stand-alone data logger that allows users to monitor and collect data from up to five CAN channels using just one device. Configurable using Kvaser's Memorator Config Tool, this device is capable of running user-developed scripts, written in the Kvaser t programming language.

Warranty
2-Year warranty. See our general conditions and policies for details.

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-00778-9

: KVASER
Advancing connectivity

Major Features

- CAN FD capable.

- Automatically time-synchronises the data transmitted and received across all five buses.

- Kvaser MagiSync technology time-synchronises with other Kvaser interfaces connected to the same PC, resulting in a more accurate and easier multichannel data capture.

- A comprehensive user guide helps make t script development quick and easy.

- Log data to an expandable SD card slot. SD and SDHC memory card formats supported.

- LED lights alert user to device status, including signaling a full SD card or card error.

- Power derived from the USB connection, CAN or an in-built power supply.

- Log continuously, or create triggers based on messages, data signal values, error messages, external trigger's falling or rising edge, and I/O signals.

- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page (www.kvaser.com).

Support

Documentation, Kvaser CANlib SDK 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, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.
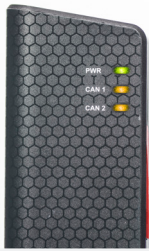
⚙ Technical Data

Bit Rate	40-1000 kbp/s
Buffers	Auto RX Buffers, Auto TX Buffers, On Board Buffer
Certificates	CE, RoHS
Channels	5
Connectors	26-pin HD D-SUB
Dimensions	68 x 170 mm
Error Frame Generation	Yes
Error Counters Reading	Yes
Galvanic Isolation	Yes
Interfaces	USB
Messages Per Second Receive	20000 mps
Messages Per Second Sending	20000 mps
Operating Systems	Linux, Windows [1]
Silent Mode	Yes
Sound	No
Temperature Range	-40 to +85 °C
Weight	150 g

[1] Windows 7, 8, 10 (IA-32 and x86-64)
Windows 11 (x86-64)

![Kvaser - Advancing connectivity]

Learn more about this product

Your Gateway to Efficient Connectivity

Kvaser Memorator Pro 2xHS v2 is a professional-level, dual-channel CAN bus interface and stand-alone data logger offering advanced features such as message filtering, triggers, error detection and generation, silent mode, an expandable SD card slot up to 64G, and galvanic isolation. Connected to a PC with USB1.1, the Kvaser Memorator Pro 2xHS v2 operates as a powerful real-time CAN-to-USB interface, while in data logger mode, the compact design of this device makes for the perfect flight recorder. Configurable using Kvaser's Memorator Config Tool, this device is capable of running user-developed scripts, written in the Kvaser t programming language. Guidance in creating t programs is provided. The Kvaser Memorator Pro 2xHS v2 is CAN FD compliant.

Warranty
2-Year warranty. See our general conditions and policies for details.

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-00819-9

Ref. No. 98317-5 v. 2.0

Major Features

- Monitor two CAN channels simultaneously using just one device.

- Log data to an expandable SD card slot.

- Supports CAN FD up to 8 Mbit/s (with proper physical layer implementation).

- Script functionality allows users to develop customised t-script applications written in the Kvaser *t* programming language.

- Power derived from the USB connection, CAN or an in-built power supply.

- Supports silent mode for analysis tools -listens to the bus without interfering.

- Detection and generation of error frames and remote frames.

- LED lights alert user to device status, including signaling a full SD card or card error.

- Automatically time-synchronises the data transmitted and received across both buses.

- Built-in Kvaser MagiSyncTM technology time-synchronises with other Kvaser interfaces connected to the same PC, resulting in a more accurate and easier multichannel data capture.

- Plug-and-play installation, and a comprehensive user guide to help make script development quick and easy.

- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page (www.kvaser.com).

Support

Documentation, Kvaser CANlib SDK 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, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.
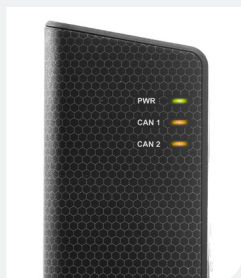
⚙ **Technical Data**

CAN Bit Rate	50-1000 kbp/s
CAN FD Bit Rate	Up to 8 Mbit/s (with proper physical layer)
Certificates	CE, RoHS
Channels	2
Connectors	26-pin HD D-SUB
Dimensions	55 x 150 x 23 mm
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
Interfaces	USB, CAN, SD
Messages Per Second Receive	20000 msg/s per channel
Messages Per Second Sending	20000 msg/s per channel
MagiSync	Yes
Operating Systems	Linux, Windows [1]
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	1 ms
Weight	150 g

[1] Windows 7, 8, 10 (IA-32 and x86-64)
Windows 11 (x86-64)

Learn more about this product

Your Gateway to Efficient Connectivity

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 CAN FD, advanced trigger/filter options and the ability to run user-developed scripts, plus on-device buffering, opt for the Kvaser Memorator Pro 2xHS v2 (00819-9).

Warranty
2-Year warranty. See our general conditions and policies for details.

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-00821-2

Ref. No. 98331-1 v. 2.0

Major Features

- Monitor two CAN channels simultaneously using just one device.

- Quick and easy plug-and-play installation.

- Supports both 11-bit (CAN 2.0A) and 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.

- 100% compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.

- One SD slot that accepts SD flash disks, currently up to 1 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.

- Built-in real-time (calendar) clock with battery backup.

- Logger status is indicated with three externally visible LEDs.

- Plastic housing, dimension WLH ca. 55 x 150 x 23 mm (ca. 2 x 6 x 1 inch).

- Galvanic isolation.

- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page (www.kvaser.com).

Support

Documentation, Kvaser CANlib SDK 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, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.
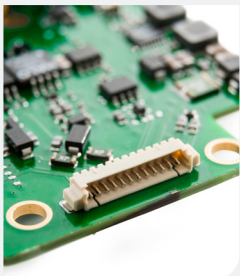
Technical Data

Channels	2
CAN Bit Rate	50 kbit/s to 1 Mbit/s
Certificates	CE, RoHS
Dimensions	55 x 150 x 23 mm for body incl. strain relief
Error Frame Detection	Yes
Error Frame Generation	No
Galvanic Isolation	Yes
Interfaces	CAN, SD, USB
MagiSync	No
Messages Per Second Receive	8000 msg/s per channel
Messages Per Second Receive	8000 msg/s per channel
Operating Systems	Linux, Windows [1]
Power Consumption	Up to 3 W
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	100 µs
Weight	150 g

[1] Windows 7, 8, 10 (IA-32 and x86-64)
  Windows 11 (x86-64)

Learn more about
this product

Your Gateway to Efficient Connectivity

Kvaser Memorator Pro 5xHS CB is a five channel, high performance, CAN bus interface and standalone datalogger that allows users to monitor and collect data from up to five CAN channels using just one device. It is supplied "bare board" i.e. without a housing, and can thus be built into any system. The Memorator Pro 5xHS CB supports CAN FD.

Configurable using Kvaser's Memorator Config Tool, Memorator Pro 5xHS CB is capable of running user-developed scripts, written in the Kvaser t programming language. Guidance in creating t programs is supplied. The device is also supported in CANlib, Kvaser's universal software development kit.

Warranty
2-Year warranty. See our general conditions and policies for details.

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-00832-8

: KVASER
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Major Features

- Monitor 5 CAN channels simultaneously using just one device.

- Automatically time synchronises the data transmitted and received across all five channels.

- Built-in Kvaser MagiSync™ technology time synchronises with other Kvaser interfaces connected to the same PC, resulting in simpler and more accurate multichannel data capture.

- Script functionality allows users to develop customised t-script applications written in the Kvaser *t* programming language.

- Plug and play installation.

- Log data to an expandable SD card slot.

- Power derived from the USB connection, CAN bus, or an in-built power supply.

- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page (www.kvaser.com).

Support

Documentation, Kvaser CANlib SDK 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, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.
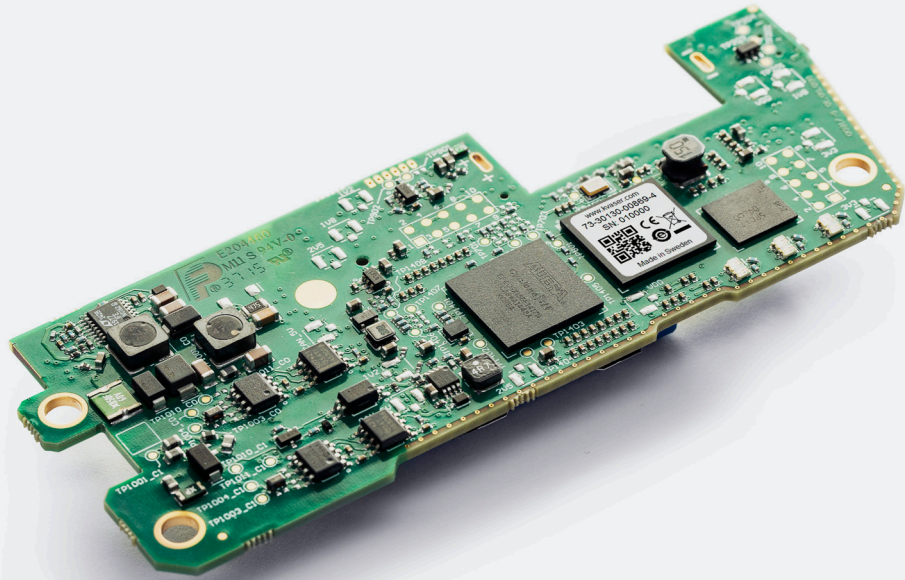
⚙ Technical Data

Bit Rate	40 - 1000 kpps
CAN Channels	5
CAN FD	Yes
Certificates	CE, RoHS
Connector	Molex 51021 PicoPlade™
Current Consumption	Up to 3 W
Dimensions	119 x 57 x 13 mm
Error Frame Detection	Yes
Galvanic Isolation	Yes
Interfaces	CAN, SD, USB
Operating Systems	Linux, Windows [1]
Silent Mode	Yes
t-Script Support	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	1 µs
Weight	50 g

[1] Windows 7, 8, 10 (IA-32 and x86-64)
Windows 11 (x86-64)

![Kvaser logo - Advancing connectivity]

Learn more about this product

Your Gateway to Efficient Connectivity

Kvaser Memorator Pro 2xHS v2 CB is a professional-level, dual channel CAN bus interface and standalone data logger offering advanced features such as message filtering, triggers, error detection and generation, silent mode, an expandable SD card slot up to 64G, and galvanic isolation. Connected to a PC with USB1.1, the Kvaser Memorator Pro 2xHS v2 CB operates as a powerful real time CAN to USB interface, whilst in data logger mode, the compact design of this device makes for the perfect flight recorder. Configurable using Kvaser's Memorator Config Tool, this device is capable of running user-developed scripts, written in the Kvaser t programming language. Guidance in creating t programs is provided. The Kvaser Memorator Pro 2xHS v2 is CAN FD compliant.

Warranty
2-Year warranty. See our general conditions and policies for details.

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-00869-4

Ref. No. 98334-2 v. 2.0

Major Features

- Monitor two CAN channels simultaneously using just one device.
- Log data to an expandable SD card slot.
- Supports CAN FD up to 8Mbit/s (with proper physical layer implementation).
- Script functionality allows users to develop customised t-script applications written in the Kvaser *t* programming language.
- Power derived from the USB connection, CAN or an in-built power supply.
- Supports silent mode for analysis tools – listens to the bus without interfering.
- Detection and generation of error frames and remote frames.
- LED lights alert user to device status, including signalling a full SD card or card error.
- Galvanically isolated CAN bus drivers.
- Automatically time synchronises the data transmitted and received across both buses.
- Built-in Kvaser MagiSync™ technology time synchronises with other Kvaser interfaces connected to the same PC, resulting in simpler and more accurate multichannel data capture.
- Plug and play installation, and a comprehensive user guide to help make t script development quick and easy.
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page (www.kvaser.com).

Support

Documentation, Kvaser CANlib SDK 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, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.

⚙ Technical Data

Bit Rate	50-1000 kpps
Certificates	CE, RoHS
Channels	2
Connectors	Molex 51021 PicoPlade™
Current Consumption	Up to 3 W
Dimensions	46 x 117 x 16 mm
Error Frame Generation	Yes
Error Counters Reading	Yes
Galvanic Isolation	Yes
Interfaces	CAN, SD, USB
Messages Per Second Receive	20000 mps
Messages Per Second Receive	20000 mps
Operating Systems	Linux, Windows [1]
Silent Mode	Yes
Sound	No
Temperature Range	-40 to +85 °C
Timestamp	1
Weight	40 g

[1] Windows 7, 8, 10 (IA-32 and x86-64)
Windows 11 (x86-64)

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Learn more about
this product

Your Gateway to Efficient Connectivity

Designed for troubleshooting any CAN-based (controller area network) system, the Kvaser Memorator Light HS v2 is an easy-to-use tool for logging CAN data, with no software setup required. With an autobaud function that determines CAN bus bit rate, the Kvaser Memorator Light can be attached to any high-speed CAN bus without configuration. All CAN bus traffic is logged in a circular buffer, overwriting the oldest data when the buffer becomes full. A separate circular buffer keeps track of error frame conditions and the message traffic that occurs near the conditions.

Warranty
2-Year warranty. See our general conditions and policies for details.

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-01058-1

Ref. No. 98330-4 v. 2.0

Major Features

- Single high-speed CAN channel (compliant with ISO 11898-2).

- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.

- Supports bit rates from 50 Kbit/sec up to 1 Mbit/sec.

- Autobaud function determines CAN bus bit rate.

- Always in silent mode - log bus traffic without interfering.

- Fixed 1 GB internal storage.

- Two FIFO buffers; one logs all messages on the bus, the other buffer logs approximately 1000 messages before and after an error frame.

- Built-in real time clock (calendar) with battery backup.

- LEDs alert the user to device status.

- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page (www.kvaser.com).

Support

Documentation, Kvaser CANlib SDK 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, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.

⚙ Technical Data

Autobaud	Yes
CAN Channels	1
Casing Material	PC-ABS
Connector	DSUB 9 Plug
Current Consumption	Up to 3 W
Dimensions	46 x 115 x 22 mm
Error Frame Detection	Yes
Galvanic Isolation	No
Interfaces	USB, SD, CAN
Operating Systems	Linux, Windows [1]
Silent Mode	Yes
_t_ Script	No
Temperature Range	-40 to +85 °C
Timestamp Resolution	2 µs
Weight	142 g

[1] Windows 7, 8, 10 (IA-32 and x86-64)
Windows 11 (x86-64)