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## Your Gateway to Efficient Connectivity

The Kvaser Leaf Light v2 represents one of the easiest and lowest-cost methods of connecting a computer to a CAN bus network. With its USB 2.0 compliant connector and 9-pin D-SUB connector, the Leaf Light v2's sleek, ergonomically designed housing is both robust enough for everyday use and small and flexible enough to be used in space-constrained applications. Now with galvanic isolation as standard.

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

 **Support**  
Free support for all products by contacting [support@kvaser.com](mailto:support@kvaser.com)

 **EAN**  
73-30130-00685-0

## Major Features

- 8000 messages per second, each timestamped with 100 microsecond accuracy.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Galvanic isolation, previously a more expensive option on Kvaser's original Leaf Light, now comes as standard on the Leaf Light v2, enhancing protection from power surges or electrical shocks.
- Low current consumption (70 mA) reduces power drain from your laptop.
- Local buffering and preprocessing results in high performance and a reduction of time critical tasks for the PC.
- 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](http://www.kvaser.com)).

## Support

Documentation, Kvaser CANlib SDK 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, 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

<b>Casing Material</b>	PA66
<b>CAN FD</b>	No
<b>Certificates</b>	CE, RoHS
<b>Channels</b>	1
<b>Connector</b>	DSUB 9
<b>Current Consumption</b>	90 mA
<b>Dimensions</b>	35 x 165 x 17 mm for body incl. strain relief
<b>Error Frame Detection</b>	Yes
<b>Galvanic Isolation</b>	Yes
<b>Interfaces</b>	USB, CAN
<b>IP Class</b>	IP40
<b>Maximum Bitrate</b>	1000 kbps
<b>Minimum Bitrate</b>	40 kbps
<b>Silent Mode</b>	No
<b>Temperature Range</b>	-20 to +70 °C
<b>Timestamp Resolution</b>	100 µs
<b>Weight</b>	110 g



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## Your Gateway to Efficient Connectivity

The Kvaser Leaf v3 represents one of the easiest and lowest-cost methods of connecting a computer to a CAN bus network in order to monitor and transmit CAN and CAN FD data. With its standard USB type "A" connector and 9-pin D-SUB connector, the Leaf v3's sleek, ergonomically designed housing is both robust enough for every-day use and small and flexible enough to be used in space-constrained applications.

The Leaf v3 can handle up to 20 000 messages per second, each timestamped with a 50-microsecond accuracy. No external power is needed and galvanic isolation is standard.



### Warranty

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



### Support

Free support for all products by contacting [support@kvaser.com](mailto:support@kvaser.com)



### EAN

73-30130-01424-4

## Major Features

- USB 2.0 CAN interface.
- Powered through the USB type "A" connector.
- Supports CAN FD, up to 8 Mbit/s.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Supports silent mode for analysis tools – listen to the bus without interfering.
- 20 000 msg/s, each timestamped with a resolution of 50 µs.
- Fully compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.
- Support for SocketCAN.
- Supports simultaneous usage of multiple Kvaser interfaces.
- 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](http://www.kvaser.com)).

## Support

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

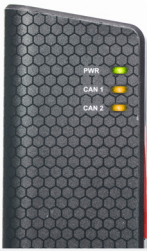
Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.

## Technical Data

<b>CAN Bit Rate</b>	20 kbit/s to 1 Mbit/s
<b>CAN Channels</b>	1
<b>CAN FD Bit Rate</b>	Up to 8 Mbit/s
<b>CAN Transceivers</b>	MCP2561FD
<b>Certifications</b>	CE, RoHS
<b>Connector</b>	9-pin D-SUB USB type "A"
<b>Dimensions</b>	35 x 165 x 17 mm
<b>Error Frame Detection</b>	Yes
<b>Error Frame Generation</b>	No
<b>Galvanic Isolation</b>	Yes
<b>Operating Temperature Range</b>	-20 to +70 °C
<b>Power Consumption</b>	Typical 100 mA
<b>Silent Mode</b>	Yes
<b>Timestamp Resolution</b>	50 µs
<b>Weight</b>	110 g





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## 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](mailto:support@kvaser.com)

 **EAN**  
73-30130-00819-9

## 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 MagiSync™ 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](http://www.kvaser.com)).

## Support

Documentation, Kvaser CANlib SDK 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, 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

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



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## Your Gateway to Efficient Connectivity

The Kvaser USBcan Light 2xHS is a compact, reliable and cost-effective means of connecting two high-speed CAN busses to a PC or mobile computer. With a USB Type-A connector at one end and two 9-pin D-SUB connectors at the other, the Kvaser USBcan Light 2xHS is a fraction larger than the one-channel Leaf Light v2 but features the same sleek, ergonomically designed housing that Kvaser products have become renowned for and comes with galvanic isolation as standard.



### Warranty

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



### Support

Free support for all products by contacting [support@kvaser.com](mailto:support@kvaser.com)



### EAN

73-30130-00714-7

## Major Features

- One USB 2.0 compliant device provides easy access to two CAN busses.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29bit (CAN 2.0B active) identifiers.
- 100% compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- 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](http://www.kvaser.com)).

## Support

Documentation, Kvaser CANlib SDK 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, 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

<b>Bit Rate</b>	40-1000 kbps
<b>Certificates</b>	CE, RoHS
<b>Channels</b>	2
<b>Connectors</b>	DSUB 9
<b>Current Consumption</b>	Typical 132 mA
<b>Dimensions</b>	50 x 170 x 20 mm for body incl. strain relief
<b>Error Frame Generation</b>	No
<b>Error Counters Reading</b>	No
<b>Galvanic Isolation</b>	Yes
<b>Interfaces</b>	USB, CAN
<b>Material</b>	PA66
<b>Messages Per Second Receive</b>	8000 mps
<b>Messages Per Second Sending</b>	8000 mps
<b>Silent Mode</b>	No
<b>Temperature Range</b>	-20 to +70 °C
<b>Timestamp</b>	100 µs
<b>Weight</b>	150 g





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## Your Gateway to Efficient Connectivity

Kvaser Hybrid CAN/LIN is a flexible, single channel interface that can be assigned as either CAN or LIN. This makes the Kvaser Hybrid CAN/LIN a must-have 'universal interface' for every engineer involved in automotive communications!

With a standard USB connector and a CAN/LIN channel with a 9-pin D-SUB connector, this high-speed interface can connect a PC to CAN, CAN FD or LIN.



### Warranty

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



### Support

Free support for all products by contacting [support@kvaser.com](mailto:support@kvaser.com)



### EAN

73-30130-01284-4

## Major Features

- Supports High Speed CAN (ISO 11898-2) up to 1Mbit/s and LIN 2.2A (ISO 17987 Part 1-7) up to 20 kbit/s.
- Supports CAN FD up to 5Mbit/s (with proper physical layer implementation).
- Quick and easy plug-and-play installation.
- Supports CAN 2.0 A and CAN 2.0 B active.
- Power is taken from the USB bus, LED lights alert user to device status.
- Galvanically isolated CAN bus drivers.
- Supplied with Kvaser CANlib and Kvaser LINlib, free software APIs that are common to all Kvaser hardware and enable the channels to be configured intuitively and fast.
- 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](http://www.kvaser.com)).

## Support

Documentation, Kvaser CANlib SDK 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, 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

<b>CAN Bit Rate</b>	50 kbit/s to 1 Mbit/s
<b>CAN FD</b>	Yes
<b>CAN FD Bit Rate</b>	Up to 5 Mbit/s
<b>CAN Channels</b>	1
<b>Current Consumption</b>	Max. 195 mA
<b>Dimensions</b>	35 x 165 x 17 mm
<b>Galvanic Isolation</b>	Yes
<b>IP Rating Housing</b>	IP40
<b>Interfaces</b>	USB, CAN, LIN
<b>Kvaser MagiSync</b>	No
<b>Lin Bit Rate</b>	1 kbit/s to 20 kbit/s
<b>Max Message Rate</b>	20,000 msg/s
<b>Operating Temperature</b>	-40 to +85 °C
<b>Timestamp Resolution</b>	50 µs
<b>Weight</b>	120 g