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this product



## 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 °C - 70 °C
<b>Timestamp Resolution</b>	100 µs
<b>Weight</b>	110 g