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this product



## Your Gateway to Efficient Connectivity

The Leaf Light v2 OBD-II provides a simple way of connecting a PC with a vehicle's on-board computer by means of USB 2.0 connector and a 16-pin OBD-II-compliant CAN connector. Having made its name as the workhorse of USB to CAN interfaces, Kvaser's Leaf Light product series provides reliable, low cost tools for connecting any CAN network to a PC or mobile computer in vehicle diagnostic applications and beyond.



### 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

73-30130-00732-1

## Major Features

- The Kvaser Leaf Light HS V2 OBD-II offers loss free transmission and reception of standard and extended CAN messages on the CAN bus.
- Supports high-speed USB and has an OBD-II-compliant connector.
- 8000 messages per second, each time-stamped 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, enhancing protection from power surges or electrical shocks.

## Support

Documentation, Kvaser SDK and drivers can be downloaded for free at [www.kvaser.com/downloads](http://www.kvaser.com/downloads).

Kvaser 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 script 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 kbps
Channels	1
Connector	OBD-II/J1962
Current Consumption	Typical 90 mA
Dimensions	35 x 165 x 17 mm for body incl. strain relief
Error Frame Generation	No
Error Counters Reading	No
Galvanic Isolation	Yes
Interfaces	USB, CAN
Material	PA66
Messages Per Second Receive	8000 mps
Messages Per Second Sending	8000 mps
Operating Systems	Linux, Windows <sup>1</sup>
Regulatory Compliance	CE, FCC
Silent Mode	No
Temperature Range	-20 to +70 °C
Timestamp	100 µs
Weight	126 g

<sup>1</sup> Windows 7, 8, 10 (IA-32 and x86-64)  
Windows 11 (x86-64)