KVASER
Advancing connectivity

Kvaser Leaf Light HS v2 OBDII

Learn more about this product

Your Gateway to Efficient Connectivity

The Leaf Light v2 OBDII 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 OBDII-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

EAN
73-30130-00732-1

Ref. No. 98329-8 v. 2.0

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Major Features

- The Kvaser Leaf Light HS V2 OBDII offers loss free transmission and reception of standard and extended CAN messages on the CAN bus.
- Supports high-speed USB and has an OBD2-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.
- 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 kbps
Certificates	CE, RoHS
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
Silent Mode	No
Temperature Range	-20 to +70 °C
Timestamp	100 µs
Weight	120 g

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