:KVASER

Advancing connectivity

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PWR

CAN

Your Gateway to Efficient Connectivity

The Kvaser Leaf Light HS v2 J1939-13 Type II provides a simple way of connecting a PC with the on-board computer of any J1939 compliant vehicle or industrial system. Get diagnostic data by means of its USB 2.0 connector and a 9-pin J1939-13 (Type II) compliant CAN connector, which is colour-coded in green and supports either 250 Kbps or 500 Kbps vehicle networks.

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

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

EAN
73-30130-00915-8

Ref. No. 98321-2 v. 2.0

Major Features

- Standard USB Type-A connector and a J1939-13 Type II compliant CAN connector.

- Capable of sending up to 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 SDK and drivers can be downloaded for free at 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 kbp/s
Channels	1
Connector	J1939-13 Type II
Current Consumption	Typical 90 mA
Dimensions	35 x 165 x 17 mm 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 [1]
Regulatory Compliance	CE, FCC
Silent Mode	No
Temperature Range	-20 to +70 °C
Timestamp Resolution	100 µs
Weight	155 g

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