



Kvaser Leaf Light HS v2

EAN: 73-30130-00685-0

The Kvaser Leaf Light HS 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 HS 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.

Kvaser's Leaf Light series is the workhorse of the CAN world. The Kvaser Leaf Light HS V2 supports high speed USB for CAN and offers high performance at low cost. Loss free transmission and reception of standard and extended CAN messages on the CAN bus is transmitted with a time stamp precision of 100 microseconds.

Major Features

- The Kvaser Leaf Light HS V2 is a high speed USB interface for CAN that offers loss free transmission and reception of standard and extended CAN messages on the CAN bus.
- 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, 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.

Warranty

- 2-Year Warranty. See our General Conditions and Policies for details.

Support

- Free Technical Support on all products available by contacting support@kvaser.com.

Software

- Documentation, software and drivers can be downloaded for free at www.kvaser.com/downloads.
- Kvaser CANLIB SDK [link] 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, and Visual Basic.
- All Kvaser CAN interface boards share a common software API. Programs written for one interface type will run without modifications on the other interface types!
- J2534 Application Programming Interface available.
- RP1210A Application Programming Interface available.



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- On-line documentation in Windows HTML-Help and Adobe Acrobat format.

TECHNICAL DATA - KVASER LEAF LIGHT HS V2

WEIGHT (G)	100.0
MINIMUM BITRATE (KBPS)	40
ON-BOARD TX BUFFER	No
SOUND	No
MSGRATE RX MAX	8000
ERROR FRAME DETECTION	Yes
CONNECTOR	DSUB 9
SILENT MODE	No
ON-BOARD BUFFER	Yes
OPERATING SYSTEM	Win Vista,Win 8,Win 7,Win XP
LENGTH (MM)	100
ERROR COUNTERS READING	No
ON-BOARD RX BUFFER	No
# OF CAN CHANNELS	1
TIMESTAMP RESOLUTION (US)	100
CURRENT CONSUMPTION	70 mA
API, FREE	Kvaser CANlib
GALVANIC ISOLATION	Yes
ERROR FRAME GENERATION	No
MAXIMUM BITRATE (KBPS)	1000
MSGRATE TX MAX	8000
CERTIFICATIONS	CE,RoHS
OPERATING TEMPERATURE RANGE (C)	-20.00 to 75.00
PC INTERFACE	USB
HEIGHT (MM)	20
WIDTH (MM)	40

The information herein is subject to change without notice