



KVASER LEAF LIGHT HS V2 CB

EAN 73-30130-00733-8

The Leaf Light v2 CB is the bare circuit board version of Kvaser's popular Leaf Light v2 interface - a single-channel, high speed, USB-to-CANbus interface. Having made its name as the workhorse of USB to CAN interfaces, Kvaser's Leaf Light product series provides reliable, low cost connection to the PC.

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Major Features

- The Kvaser Leaf Light HS V2 CB 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.
- Both USB and CAN are connected using 6-way connectors and mate with Molex 51021 PicoBlade™ (e.g. housing 51021-0600 and terminal 50079-8000).
- 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.
- Local buffering and preprocessing results in high performance and a reduction of time critical tasks for the PC.

Technical Data

| | |
|-----------------------------|---------------------------------------|
| Bitrate | 40-1000 kbps |
| Temp Range | -20 - 75 °C |
| Timestamp | 100 |
| Messages Per Second Receive | 8000 mps |
| Messages Per Second Sending | 8000 mps |
| Weight | 100 g |
| Length | 100 mm |
| Height | 5 mm |
| Channels | 1 |
| Certificates | CE, RoHS |
| Interfaces | USB |
| Categories | PC Interfaces, Interfaces |
| OS | Windows 10, 8, 7, XP, Vista and Linux |
| Connectors | MOLEX 6-PIN |
| Buffers | On Board Buffer |
| Galvanic Isolation | Yes |
| Error Frame Generation | No |
| Error Counters Reading | No |
| Silent Mode | No |
| Material | PA66 |
| Sound | No |
| Current Consumption | Typical 90mA |

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 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, Java, Python 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.

Online documentation in Windows HTML-Help and Adobe Acrobat format.

