

## Kvaser Leaf Light v2



The Kvaser Leaf Light 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 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 newly launched Kvaser Leaf Light V2 supports high speed USB for CAN and offers high performance at low cost. Kvaser Leaf Light V2 is a reliable low cost product. 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.

- The Kvaser Leaf Light 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
- 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 of 70 mA, reducing power drain from your laptop.
- Local buffering and preprocessing results in high performance and a reduction of time critical tasks for the PC.
- Leaf Light v2 comes with free software, free software updates and free support. Kvaser's easy-to-use Kvaser CANlib applications programming interface (API) has virtual hardware that simulates our real hardware, so



you can start developing around the Leaf Light v2 interface right away.

#### Technical Data

##### Kvaser Leaf Light v2

|                               |                  |
|-------------------------------|------------------|
| Galvanic Isolation            | Yes              |
| Bitrate                       | 40-1000 kbit/s   |
| Silent mode                   | No               |
| Error frame generation        | No               |
| Error frame detection         | Yes              |
| Weight                        | 100g             |
| Timestamp resolution          | 100 s            |
| On board buffer               | Yes              |
| Maximum message rate, send    | 8000             |
| Maximum message rate, receive | 8000             |
| Sound                         | No               |
| Clock synchronization         | N/A              |
| Dimensions (WxLxH)            | 40x100x20mm      |
| Temperature range             | -20 C to +75 C   |
| Order number                  | 73-30130-00685-0 |

The information herein is subject to change without notice

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