

Kvaser Leaf Light v2



The Kvaser Leaf Light v2 represents one of the easiest and cheapest ways 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 full speed USB for CAN and offers high performance at low cost. Kvaser Leaf Light 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 full 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	100µs
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 ? +75°C
Order number	73-30130-00685-0

The information herein is subject to change without notice