

## Kvaser Leaf Light



### Application Support

- ATI Apollo™
- ATI CANlab™
- ATI Vision™
- Ficoso CANica™
- Kvaser CanKing™
- National Instruments DIAdem™
- National Instruments LabView™
- VAT2000™
- Vector CANalyzer™
- Vector CANoe™
- Vector CANape™
- Warwick X-Analyser™
- Xtm

### Supported OS

Windows 98 / Windows ME  
Windows 2000 / Windows XP  
Linux

### Product versions

Kvaser Leaf Light HS

### The Kvaser Leaf Light is a one channel USB interface for CAN with high performance at a low cost.

The Kvaser Leaf Light supports FullSpeed USB. Kvaser Leaf Light is a reliable low cost product. With a time stamp precision of 100 microseconds it handles loss free transmission and reception of standard and extended CAN messages on the bus. The low current consumption, 70 mA, reduces the power drain from your Laptop.

### Application Areas

Human Interfaces, testing equipment, different types of one channel tools, multi channel tools not requiring channel synchronization, etc.

### General Features

- Easy use of multiple interfaces – just connect any number of Kvaser Leafs to a USB hub.
- Excellent EMC performance.
- Power supplied via USB.
- Quick and easy Plug and Play installation.
- Low power consumption – several devices can be powered by a standard hub.

## KVASER

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## USB Interface

- Can be used with any USB host port. Designed for USB 2.0. Backward compatible with USB 1.1.

## CAN Interface

- Supports CAN 2.0A and 2.0B.
- Supports data and remote frames.
- Can detect error frames.
- CAN messages are time stamped with an accuracy of 100 microseconds.

## Application Interface

- Driver support for major operating system.
- 100% compatible with applications written for LAPcan, PCICan, USBcan and other Kvaser hardware using CANlib API.
- Large on-board message buffer – off loads the PC computer.
- Drivers and CANLIB SDK are available.

## Technical Data

Kvaser Leaf Light HS	CAN
Galvanical isolation	No
USB version	2.0 & 1.1
Temperature range	0 °C – +70 °C
Max message rate	8000
Time stamp (bits)	32
Error counters reading	No
Error frame detection	Yes
Error frame generation	No
Auto transmit buffers	No
Auto response buffers	No
Clock accuracy	100 µs
Silent mode	No
Clock synch. between multiple devices	No
Power Supply	USB
Current consumption (mA @ 5V)	Approx 70
LED indicators	2
Sound indicator	No
Dimension approx.	100 x 25 x 20 mm (4 x 1 x 0.75 in.)
Polyurethane cabling	No

*The information herein is subject to change without notice*