

## Kvaser Leaf Light



### Application Support

- AFT MARC I™
- ATI Apollo™
- ATI CANlab™
- ATI Vision™
- FicosA CANica™
- Kvaser CanKing™
- National Instruments DIAdem™
- National Instruments LabView™
- VAT2000™
- Warwick X-Analyser™
- Xtm™

### Supported OS

- Windows Vista/XP/2000™
- Windows Server 2003™
- Windows CE
- Linux

### Product Versions

- Kvaser Leaf Light HS
- Support for Kvaser Linx

### The Kvaser Leaf Light supports full speed USB interface for CAN with high performance at a 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 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
- Very good EMC performance
- Power supplied via USB
- Quick and easy Plug and Play installation
- Low power consumption – several devices can be powered by a standard USB hub

## USB Interface

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

## CAN Interface

- Optional: galvanic isolation to protect the hardware
- 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 Windows Vista/XP/2000/Server 2003, Windows CE and Linux
- The Kvaser CANlib Software Development Kit includes everything necessary to develop custom software using the Kvaser CANlib API
- 100% compatible with applications written for LAPcan, USBcan and other Kvaser hardware using CANlib API
- RP1210 and J2534 API
- Large on board message buffer - off-loads the computer
- Drivers and CANlib SDK are available for free on the web

## Technical Data

Kvaser Leaf Light HS	CAN
Galvanical isolation	Optional
USB version	2.0 & 1.1
CAN interface	DSUB/OBDII
Temperature range	0 °C to +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*

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