



### Kvaser Leaf SemiPro HS

EAN: 73-30130-00242-5

Kvaser Leaf SemiPro is a one channel USB interface for High Speed CAN (ISO 11898-2). It offers the possibility to easily connect several interfaces to a PC. The time-stamping is synchronized through Kvaser MagiSync™, providing flexibility and making it perfect for multi-channel applications. Includes Galvanic Isolation for protection against voltage spikes.

#### Major Features

- Automatic and accurate clock synchronization between several Kvaser Leaf SemiPro interfaces through Kvaser MagiSync™. The technical solution is unique and patented by Kvaser.
- Handles up to 15,000 messages per second, time-stamped and synchronized with a precision of 25 microsecond.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Reliable error handling.
- Supports silent mode for analyzing tools.

- Low power consumption.
- Excellent EMC performance.
- Galvanic isolation of the CAN bus driver stage to protect the hardware.
- Labeled CAN channel for easy identification of the supported physical layer.
- Equipped with a 110 cm (44 in.) long USB cable and a 30 cm (12 in.) long CAN cable.
- Interfaces the CAN bus with a 9-pin D-SUB connector.
- Designed for USB 2.0, backward compliant with USB 1.1.
- Quick and easy Plug-and-Play installation.
- A practically unlimited number of Kvaser Leafs can be connected via standard USB hubs for simultaneous use on a single PC.

## 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](http://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, 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.
- On-line documentation in Windows HTML-Help and Adobe Acrobat format.



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TECHNICAL DATA - KVASER LEAF SEMIPRO HS

SOUND	No
EMBEDDED SCRIPT	No
ERROR FRAME GENERATION	Yes
WEIGHT (G)	100.0
PC INTERFACE	USB
WIDTH (MM)	25
ERROR FRAME DETECTION	Yes
MAXIMUM BITRATE (KBPS)	1000
RUGGED	No
OPERATING SYSTEM	Win Vista,Win 8,Win 7,Win XP
GALVANIC ISOLATION	Yes
CASING MATERIAL	-
ERROR COUNTERS READING	No
MSGRATE RX MAX	15000
# OF CAN CHANNELS	1
HEIGHT (MM)	20
LENGTH (MM)	100
SILENT MODE	Yes
ON-BOARD RX BUFFER	No
TIMESTAMP RESOLUTION (US)	25
STATUS	Active
CERTIFICATIONS	RoHS
NETWORK CHANNEL(S)	1 x CAN HS
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
MSGRATE TX MAX	15000
ON-BOARD TX BUFFER	No
CONNECTOR	DSUB 9



## Kvaser Leaf SemiPro HS

ON-BOARD BUFFER	Yes
CLOCK SYNC	Yes
MINIMUM BITRATE (KBPS)	5
IP CLASS	N/A
API, FREE	Kvaser API, J2534, RP 1210

The information herein is subject to change without notice