



Kvaser Leaf SemiPro LS

EAN: 73-30130-00260-9

Kvaser Leaf SemiPro with MagiSync™ is a one channel USB interface for Low Speed CAN (ISO 11898-3). 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.

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.
- 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 LS

WIDTH (MM)	25
MSGRATE TX MAX	2500
ERROR COUNTERS READING	No
SOUND	No
ERROR FRAME DETECTION	Yes
RUGGED	No
PRODUCT GROUPS	Leaf
API, LICENCED	None
API, FREE	Kvaser API, J2534, RP 1210
PC INTERFACE	USB
HEIGHT (MM)	20
NETWORK CHANNEL(S)	1 x CAN LS
IP CLASS	N/A
WEIGHT (G)	100.0
GALVANIC ISOLATION	Yes
MAXIMUM BITRATE (KBPS)	125
ON-BOARD RX BUFFER	No
MSGRATE RX MAX	2500
# OF CAN CHANNELS	1
STATUS	Active
CASING MATERIAL	-
ON-BOARD BUFFER	Yes
EMBEDDED SCRIPT	No
CONNECTOR	DSUB 9
TIMESTAMP RESOLUTION (US)	25
CERTIFICATIONS	CE,RoHS
OPERATING SYSTEM	Linux,Win Vista,Win 10,Win 8,Win 7,Win XP



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MINIMUM BITRATE (KBPS)	5
SILENT MODE	Yes
CLOCK SYNC	Yes
LENGTH (MM)	100
ERROR FRAME GENERATION	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
ON-BOARD TX BUFFER	No

The information herein is subject to change without notice