



Kvaser Leaf SemiPro LS

EAN: 73-30130-00260-9

Kvaser Leaf SemiPro with MagiSync™ is a one channel USB interface for Low Speed or 'fault tolerant' 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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Kvaser
Aminogatan 25 A SE 431 53 Mölndal SWEDEN
Kvaser Europe AB
Telephone: +46 31 886344
Email: sales@kvaser.com
<https://www.kvaser.com/>

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TECHNICAL DATA - KVASER LEAF SEMIPRO LS

GALVANIC ISOLATION	Yes
CERTIFICATIONS	CE,RoHS
API, LICENCED	None
HEIGHT (MM)	20
WIDTH (MM)	25
ERROR FRAME GENERATION	Yes
IP CLASS	IP40
SILENT MODE	Yes
WEIGHT (G)	100.0
CASING MATERIAL	Glass Fiber Reinforced PA6
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
# OF CAN CHANNELS	1
ON-BOARD TX BUFFER	No
ON-BOARD BUFFER	Yes
RUGGED	No
MAXIMUM BITRATE (KBPS)	125
CLOCK SYNC	Yes
CURRENT CONSUMPTION	Typical 70mA
DATABASE DBC SUPPORT	No
WIDTH (MM)	25
ERROR FRAME DETECTION	Yes
OPERATING SYSTEM	Win 10,Win Vista,Linux,Win 8,Win 7,Win XP
MSGRATE RX MAX	2500
ERROR FRAME GENERATION	Yes
CB BOARD	No
HEIGHT (MM)	20
CAN FD	No

STATUS	Active
ERROR COUNTERS READING	No
TIMESTAMP RESOLUTION (US)	25
LENGTH (MM)	100
ERROR FRAME DETECTION	Yes
NETWORK CHANNEL(S)	1 x CAN LS
EMBEDDED SCRIPT	No
CAN FD	No
MINIMUM BITRATE (KBPS)	5
STATUS	Active
LENGTH (MM)	100
EMBEDDED SCRIPT	No
MSGRATE TX MAX	2500
API, FREE	Kvaser API, J2534, RP1210
MSGRATE RX MAX	2500
ON-BOARD RX BUFFER	Yes
PRODUCT GROUPS	Leaf
ON-BOARD BUFFER	Yes
ON-BOARD RX BUFFER	No
CLOCK SYNC	Yes
PC INTERFACE	USB
CONNECTOR	DSUB 9
WEIGHT (G)	100.0
TIMESTAMP RESOLUTION (US)	25
GALVANIC ISOLATION	Yes
IP CLASS	IP40
NETWORK CHANNEL(S)	1 x CAN LS
SOUND	No

MSGRATE TX MAX	2500
CB BOARD	No
PC INTERFACE	USB
API, LICENCED	
API, FREE	Kvaser API, J2534, RP 1210
MINIMUM BITRATE (KBPS)	5
# OF CAN CHANNELS	1
SOUND	No
MAXIMUM BITRATE (KBPS)	125
PRODUCT GROUPS	Leaf
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
CERTIFICATIONS	CE,RoHS
OPERATING SYSTEM	Win 10,Win Vista,Linux,Win 8,Win 7,Win XP
SILENT MODE	Yes
CONNECTOR	DSUB 9
PLAY BACK LOG FILE	No
CASING MATERIAL	PA6
RUGGED	No
ON-BOARD TX BUFFER	Yes
CURRENT CONSUMPTION	70mA
ERROR COUNTERS READING	No

The information herein is subject to change without notice