



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.
- 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

API, LICENCED	None
NETWORK CHANNEL(S)	1 x CAN HS
RUGGED	No
API, FREE	Kvaser API, J2534, RP 1210
ON-BOARD RX BUFFER	Yes
CERTIFICATIONS	CE,RoHS
CAN FD	No
HEIGHT (MM)	20
SOUND	No
OPERATING SYSTEM	Win 10,Win Vista,Linux,Win 8,Win 7,Win XP
WIDTH (MM)	25
GALVANIC ISOLATION	Yes
# OF CAN CHANNELS	1
PRODUCT GROUPS	Leaf
SILENT MODE	Yes
GALVANIC ISOLATION	Yes
LENGTH (MM)	100
NETWORK CHANNEL(S)	1 x CAN HS
MAXIMUM BITRATE (KBPS)	1000
CERTIFICATIONS	CE,RoHS
ERROR FRAME GENERATION	Yes
# OF CAN CHANNELS	1
ERROR FRAME DETECTION	Yes
IP CLASS	IP40
PC INTERFACE	USB
MSGRATE RX MAX	15000
ON-BOARD BUFFER	Yes

OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
CONNECTOR	DSUB 9
ERROR FRAME DETECTION	Yes
MSGRATE TX MAX	15000
IP CLASS	IP40
CLOCK SYNC	Yes
RUGGED	No
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
API, LICENCED	
LENGTH (MM)	100
DATABASE DBC SUPPORT	No
MINIMUM BITRATE (KBPS)	5
ON-BOARD TX BUFFER	Yes
WEIGHT (G)	100.0
API, FREE	Kvaser API, J2534, RP1210
MAXIMUM BITRATE (KBPS)	1000
CB BOARD	No
CASING MATERIAL	Glass Fiber Reinforced PA6
STATUS	Active
EMBEDDED SCRIPT	No
TIMESTAMP RESOLUTION (US)	25
EMBEDDED SCRIPT	No
ON-BOARD BUFFER	Yes
CONNECTOR	DSUB 9
TIMESTAMP RESOLUTION (US)	25
CAN FD	No
CASING MATERIAL	PA6
HEIGHT (MM)	20

MSGRATE TX MAX	15000
WIDTH (MM)	25
PRODUCT GROUPS	Leaf
SOUND	No
ERROR COUNTERS READING	No
PLAY BACK LOG FILE	No
ON-BOARD RX BUFFER	No
MSGRATE RX MAX	15000
ERROR FRAME GENERATION	Yes
CURRENT CONSUMPTION	Typical 70mA
STATUS	Active
CLOCK SYNC	Yes
OPERATING SYSTEM	Linux,Win Vista,Win 10,Win 8,Win 7,Win XP
CB BOARD	No
WEIGHT (G)	100.0
CURRENT CONSUMPTION	70mA
MINIMUM BITRATE (KBPS)	5
ERROR COUNTERS READING	No
ON-BOARD TX BUFFER	Yes
SILENT MODE	Yes
PC INTERFACE	USB

The information herein is subject to change without notice