



Kvaser Leaf SemiPro Rugged HS

EAN: 73-30130-00506-8

Kvaser Leaf SemiPro Rugged HS is a one-channel, IP65-rated, USB interface for High Speed CAN. Ruggedized to handle harsh environments, this interface includes Kvaser's patented MagiSync feature for synchronized time-stamping, and Galvanic Isolation for protection against voltage spikes.

### Major Features

- IP65 rated lightweight aluminium housing protects against dust and moisture.
- Automatic and accurate clock synchronization between several Kvaser Leaf SemiPro interfaces through Kvaser MagiSync™. The technical solution is unique and patented by Kvaser.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Supports silent mode for analyzing tools.
- Low power consumption.
- Polyurethane cabling for extreme environments.

- Galvanic isolation of the CAN bus driver stage to protect the hardware.
- 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.

## 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](mailto: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.

TECHNICAL DATA - KVASER LEAF SEMIPRO RUGGED HS

STATUS	Active
SOUND	No
WIDTH (MM)	30
TIMESTAMP RESOLUTION (US)	25
CLOCK SYNC	Yes
ON-BOARD RX BUFFER	No
ERROR FRAME GENERATION	Yes
RUGGED	Yes
MINIMUM BITRATE (KBPS)	5
EMBEDDED SCRIPT	No
CB BOARD	No
MAXIMUM BITRATE (KBPS)	1000
OPERATING SYSTEM	Win 10,Win Vista,Linux,Win 8,Win 7,Win XP
CASING MATERIAL	
CURRENT CONSUMPTION	Typical 70mA
SILENT MODE	Yes
HEIGHT (MM)	20
MSGRATE TX MAX	15000
CAN FD	No
PC INTERFACE	USB
ERROR FRAME GENERATION	Yes
SILENT MODE	Yes
API, LICENCED	
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
ERROR FRAME DETECTION	Yes
ON-BOARD TX BUFFER	Yes



## Kvaser Leaf SemiPro Rugged HS

WEIGHT (G)	160.0
NETWORK CHANNEL(S)	1 x CAN HS
PLAY BACK LOG FILE	No
MSGRATE RX MAX	15000
TIMESTAMP RESOLUTION (US)	25
API, LICENCED	None
STATUS	Active
CB BOARD	No
ON-BOARD BUFFER	Yes
NETWORK CHANNEL(S)	1 x CAN HS
SOUND	No
CURRENT CONSUMPTION	70mA
# OF CAN CHANNELS	1
ON-BOARD TX BUFFER	No
RUGGED	Yes
MSGRATE TX MAX	15000
ERROR COUNTERS READING	No
MINIMUM BITRATE (KBPS)	5
EMBEDDED SCRIPT	No
IP CLASS	IP65
GALVANIC ISOLATION	Yes
CERTIFICATIONS	CE,RoHS
PRODUCT GROUPS	Leaf
PRODUCT GROUPS	Leaf
API, FREE	Kvaser API, J2534, RP 1210
# OF CAN CHANNELS	1
DATABASE DBC SUPPORT	No
MAXIMUM BITRATE (KBPS)	1000

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CONNECTOR	DSUB 9
CAN FD	No
API, FREE	Kvaser API, J2534, RP1210
MSGRATE RX MAX	15000
WEIGHT (G)	160.0
ON-BOARD BUFFER	Yes
CASING MATERIAL	Aluminium
GALVANIC ISOLATION	Yes
LENGTH (MM)	200
WIDTH (MM)	30
ON-BOARD RX BUFFER	Yes
CERTIFICATIONS	CE,RoHS
LENGTH (MM)	200
OPERATING SYSTEM	Win 10,Win Vista,Linux,Win 8,Win 7,Win XP
IP CLASS	IP65
HEIGHT (MM)	20
CONNECTOR	DSUB 9
CLOCK SYNC	Yes
ERROR COUNTERS READING	No
ERROR FRAME DETECTION	Yes
PC INTERFACE	USB

The information herein is subject to change without notice