



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. Register your product at kvaser.com/getting-started for an additional 1-year Warranty Extension.

Support

- Free Technical Support on all products available by contacting support@kvaser.com.

Software

- Documentation, software and drivers can be downloaded for free at 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 RUGGED HS

PC INTERFACE	USB
MAXIMUM BITRATE (KBPS)	1000
CASING MATERIAL	Aluminium
SOUND	No
MSGRATE RX MAX	15000
CAN FD	No
API, LICENCED	None
CONNECTOR	DSUB 9
LENGTH (MM)	200
CLOCK SYNC	Yes
CIRCUIT BOARD	No
PRODUCT GROUPS	Leaf
WEIGHT (G)	160.0
ON-BOARD TX BUFFER	Yes
HEIGHT (MM)	20
RUGGED	Yes
ERROR FRAME DETECTION	Yes
DATABASE DBC SUPPORT	No
GALVANIC ISOLATION	Yes
STATUS	Obsolete
OPERATING SYSTEM	Linux,Win 7,Win 10,Win 8
ON-BOARD RX BUFFER	Yes
ERROR COUNTERS READING	No
SILENT MODE	Yes
PROMOTIONAL_TEXT	IP65-rated, single channel USB-to-CAN PC interface for High Speed CAN.
ON-BOARD BUFFER	Yes

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API, FREE	Kvaser API, J2534, RP1210
EMBEDDED SCRIPT	No
ERROR FRAME GENERATION	Yes
IP CLASS	IP65
# OF CAN CHANNELS	1
CURRENT CONSUMPTION	Typical 70mA
OPERATING TEMPERATURE RANGE (C)	-40 °C to +85 °C
MSGRATE TX MAX	15000
MINIMUM BITRATE (KBPS)	5
WIDTH (MM)	30
TIMESTAMP RESOLUTION (US)	25
CERTIFICATIONS	CE,RoHS
NETWORK CHANNEL(S)	1 x CAN HS

The information herein is subject to change without notice