



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.

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.



TECHNICAL DATA - KVASER LEAF SEMIPRO RUGGED HS

| | |
|---------------------------------|--|
| CLOCK SYNC | Yes |
| ERROR FRAME DETECTION | Yes |
| API, FREE | Kvaser API, J2534, RP 1210 |
| CB BOARD | No |
| # OF CAN CHANNELS | 1 |
| MINIMUM BITRATE (KBPS) | 5 |
| WEIGHT (G) | 160.0 |
| PROMOTIONAL_TEXT | IP65-rated, single channel USB-to-CAN PC interface for High Speed CAN. |
| # OF CAN CHANNELS | 1 |
| TIMESTAMP RESOLUTION (US) | 25 |
| MINIMUM BITRATE (KBPS) | 5 |
| OPERATING TEMPERATURE RANGE (C) | -40.00 to 85.00 |
| ON-BOARD TX BUFFER | No |
| CONNECTOR | DSUB 9 |
| LENGTH (MM) | 200 |
| OPERATING SYSTEM | Win XP, Linux, Win 7, Win Vista, Win 10, Win 8 |
| MSGRATE RX MAX | 15000 |
| ERROR FRAME GENERATION | Yes |
| GALVANIC ISOLATION | Yes |
| CURRENT CONSUMPTION | Typical 70mA |
| RUGGED | Yes |
| ERROR COUNTERS READING | No |
| PROMOTIONAL_TEXT | IP65 CAN USB PC CAN |
| MSGRATE TX MAX | 15000 |
| SILENT MODE | Yes |
| EMBEDDED SCRIPT | No |

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Kvaser Leaf SemiPro Rugged HS

| | |
|---------------------------|---------------------------|
| SOUND | No |
| PRODUCT GROUPS | Leaf |
| HEIGHT (MM) | 20 |
| DATABASE DBC SUPPORT | No |
| NETWORK CHANNEL(S) | 1 x CAN HS |
| ERROR COUNTERS READING | No |
| PC INTERFACE | USB |
| ON-BOARD BUFFER | Yes |
| ERROR FRAME GENERATION | Yes |
| STATUS | Active |
| CB BOARD | No |
| TIMESTAMP RESOLUTION (US) | 25 |
| ON-BOARD RX BUFFER | No |
| CERTIFICATIONS | CE,RoHS |
| WEIGHT (G) | 160.0 |
| RUGGED | Yes |
| WIDTH (MM) | 30 |
| IP CLASS | IP65 |
| MAXIMUM BITRATE (KBPS) | 1000 |
| CERTIFICATIONS | CE,RoHS |
| API, FREE | Kvaser API, J2534, RP1210 |
| MSGRATE RX MAX | 15000 |
| LENGTH (MM) | 200 |
| SOUND | No |
| ON-BOARD BUFFER | Yes |
| WIDTH (MM) | 30 |
| ON-BOARD TX BUFFER | Yes |
| CASING MATERIAL | |

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Kvaser Leaf SemiPro Rugged HS

| | |
|---------------------------------|--|
| CLOCK SYNC | Yes |
| CASING MATERIAL | Aluminium |
| NETWORK CHANNEL(S) | 1 x CAN HS |
| MSGRATE TX MAX | 15000 |
| CAN FD | No |
| OPERATING SYSTEM | Win XP, Linux, Win 7, Win Vista, Win 10, Win 8 |
| ON-BOARD RX BUFFER | Yes |
| OPERATING TEMPERATURE RANGE (C) | -40.00 to 85.00 |
| STATUS | Active |
| API, LICENCED | |
| PC INTERFACE | USB |
| EMBEDDED SCRIPT | No |
| CAN FD | No |
| ERROR FRAME DETECTION | Yes |
| IP CLASS | IP65 |
| MAXIMUM BITRATE (KBPS) | 1000 |
| SILENT MODE | Yes |
| API, LICENCED | None |
| PRODUCT GROUPS | Leaf |
| GALVANIC ISOLATION | Yes |
| CURRENT CONSUMPTION | 70mA |
| HEIGHT (MM) | 20 |
| CONNECTOR | DSUB 9 |

The information herein is subject to change without notice