# KVASER LEAF PRO HS V2 OBDII

EAN 73-30130-00849-6

Kvaser Leaf Pro HS v2 OBDII is an evolution of the Leaf family that brings programmability to users fingertips, as well as CAN with Flexible Data-Rate (CAN FD). Kvaser's Pro versions boast a high transmit capability that meets the needs of CAN FD frames. It also supports customisation using Kvaser's t programming language. For example, users can run a t program to speed up file transfer protocols or to emulate ECUs and other devices by generating traffic and handling protocols. This model has a 16-pin OBDII connector, but a version with a standard 9-pin DSUB is also available. Please see Kvaser Leaf Pro HS v2 for details.

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## Major Features

- Supports CAN FD.

- Quick and easy plug-and-play installation.

- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.

- Power is taken from the USB bus.

- Galvanic isolation.

- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.

- Fully compatible with J1939, CANopen, NMEA 2000 and DeviceNet.

- Kvaser MagiSync provides automatic time synchronization between several PC-to-bus interfaces connected to the same PC.

- Programming functionality to support interface mode e.g. optimize protocol handling, pre-filter CAN messages directly on the interface or simulate missing hardware.

- Simultaneous operation of multiple devices.

## Technical Data

| | |
|---|---|
| Bitrate | 40-1000 kbps |
| Temp Range | -40 - 85 °C |
| Timestamp | 1 |
| Messages Per Second Receive | 20000 mps |
| Messages Per Second Sending | 20000 mps |
| Weight | 120 g |
| Length | 165 mm |
| Height | 17 mm |
| Channels | 1 |
| Certificates | CE, RoHS |
| Interfaces | USB |
| Categories | CAN, PC Interfaces, Interfaces |
| OS | Windows 10, 8, 7, XP, Vista and Linux |
| Connectors | OBD-II /J1962 |
| Buffers | On Board Buffer |
| Galvanic Isolation | Yes |
| Error Frame Generation | Yes |
| Error Counters Reading | Yes |
| Silent Mode | Yes |
| Material | PA66 |
| Sound | No |
| Current Consumption | Typical 195mA |

**WARRANTY**
2-Year Warranty. See our General Conditions and Policies for details.

**SUPPORT**
Free Technical Support on all products available by contacting info@gmga.vn

**SOFTWARE**
Documentation, software and drivers can be downloaded for free, please contact us!

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.

Online documentation in Windows HTML-Help and Adobe Acrobat format.