



Kvaser Leaf Pro HS v2

EAN: 73-30130-00843-4

Kvaser Leaf Pro HS v2 is an evolution of the Leaf family that bring programmability to user's 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 standard 9-pin DSUB, bus is also available with a 16-pin OBDII connector. Please see Kvaser Leaf Pro HS v2 OBDII for details.

## 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.

## **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](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 PRO HS V2

|                                 |                              |
|---------------------------------|------------------------------|
| PC INTERFACE                    | USB                          |
| EMBEDDED SCRIPT                 | Yes                          |
| CONNECTOR                       | DSUB 9                       |
| CASING MATERIAL                 | Highly Durable Plastic       |
| STATUS                          | Active                       |
| MSGRATE RX MAX                  | 20000                        |
| OPERATING SYSTEM                | Win Vista,Win 8,Win 7,Win XP |
| LENGTH (MM)                     | 165                          |
| WIDTH (MM)                      | 35                           |
| CURRENT CONSUMPTION             | max 195mA                    |
| ERROR FRAME DETECTION           | Yes                          |
| GALVANIC ISOLATION              | Yes                          |
| WEIGHT (G)                      | 120.0                        |
| IP CLASS                        |                              |
| MSGRATE TX MAX                  | 20000                        |
| MINIMUM BITRATE (KBPS)          | 40                           |
| OPERATING TEMPERATURE RANGE (C) | -40.00 to 85.00              |
| RUGGED                          | N/A                          |
| HEIGHT (MM)                     | 17                           |
| CLOCK SYNC                      | Yes                          |
| CERTIFICATIONS                  | RoHS                         |
| MAXIMUM BITRATE (KBPS)          | 1000                         |
| ERROR COUNTERS READING          | Yes                          |
| SILENT MODE                     | Yes                          |
| NETWORK CHANNEL(S)              | 1 x CAN HS                   |
| API, LICENCED                   | None                         |

|                           |                           |
|---------------------------|---------------------------|
| # OF CAN CHANNELS         | 1                         |
| API, FREE                 | Kvaser API, J2534, RP1210 |
| ON-BOARD BUFFER           | No                        |
| SOUND                     | No                        |
| TIMESTAMP RESOLUTION (US) | 1                         |
| ERROR FRAME GENERATION    | Yes                       |

The information herein is subject to change without notice