PWR

CAN

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

HEXAGON

AUTONOMOUSTUFF

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.