



Kvaser Leaf Professional HS OBDII

EAN: 73-30130-00404-7

NOTE: The Kvaser Leaf Professional HS OBDII (73-30130-00404-7) has been marked "End of Life". Existing customers are encouraged to migrate to the [Kvaser Leaf Pro HS v2 OBDII\(73-30130-00849-6\)](https://www.kvaser.com/products/kvaser-leaf-pro-hs-v2-obdii/).

For more information, please [contact us](#).

Kvaser Leaf Professional is a one channel, high performance, USB interface for High Speed CAN. The [OBDII](#) connector provides easy access to vehicle diagnostics from the PC. Includes Kvaser's patented MagiSync feature for synchronized time-stamping, Galvanic Isolation for protection against voltage spikes, and Auto Transmit for placing messages on the bus at set intervals.

Major Features

Kvaser
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- Interfaces the CAN bus with an [OBD2 connector](#).
- Supports High Speed CAN (ISO 11898-2)
- Handles up to 20,000 messages per second, time-stamped and synchronized with a precision of 1 microsecond.
- Auto transmit buffers, to send messages on a defined interval.
- Auto response buffers, to send messages on a defined event.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Excellent error handling.
- Supports silent mode for analyzing tools.
- Low power consumption.
- Excellent EMC performance.
- Polyurethane cabling for extreme environments.
- Galvanic isolation of the CAN bus driver stage to protect the hardware.
- Labeled CAN channel for easy identification of the supported physical layer.
- Equipped with a 110 cm (44 in.) long USB cable and a 30 cm (12 in.) long CAN cable.
- Designed for USB 2.0, backward compliant with USB 1.1.
- Quick and easy Plug-and-Play installation.
- A practically unlimited number of Kvaser Leafs can be connected via standard USB hubs for simultaneous use on a single PC.

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 PROFESSIONAL HS OBDII

MINIMUM BITRATE (KBPS)	5
PRODUCT GROUPS	Leaf
LENGTH (MM)	100
CASING MATERIAL	Glass Fiber Reinforced PA6
WIDTH (MM)	25
CLOCK SYNC	Yes
# OF CAN CHANNELS	1
WEIGHT (G)	100.0
STATUS	Obsolete
TIMESTAMP RESOLUTION (US)	1
NETWORK CHANNEL(S)	1 x CAN HS
GALVANIC ISOLATION	Yes
SILENT MODE	Yes
MSGRATE RX MAX	20000
CURRENT CONSUMPTION	Typical 70mA
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
ON-BOARD TX BUFFER	Yes
RUGGED	No
EMBEDDED SCRIPT	No
API, FREE	Kvaser API, J2534, RP 1210
CB BOARD	No
SOUND	Yes
ON-BOARD BUFFER	Yes
ERROR COUNTERS READING	Yes
CONNECTOR	OBD-II /J1962
PC INTERFACE	USB
CERTIFICATIONS	CE, RoHS

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IP CLASS	IP40
ON-BOARD RX BUFFER	Yes
MSGRATE TX MAX	20000
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
MAXIMUM BITRATE (KBPS)	1000
HEIGHT (MM)	20
ERROR FRAME DETECTION	Yes
DATABASE DBC SUPPORT	No
ERROR FRAME GENERATION	Yes
CAN FD	No
API, LICENCED	None

The information herein is subject to change without notice