



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, but 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. • 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

STATUS	Active
ON-BOARD BUFFER	No
CURRENT CONSUMPTION	max 195 mA
TIMESTAMP RESOLUTION (US)	1
EMBEDDED SCRIPT	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
IP CLASS	
MAXIMUM BITRATE (KBPS)	1000
SILENT MODE	Yes
CERTIFICATIONS	RoHS
OPERATING SYSTEM	Win Vista,Win 8,Win 7,Win XP
GALVANIC ISOLATION	Yes
CAN FD	No
CONNECTOR	DSUB 9
# OF CAN CHANNELS	1
RUGGED	N/A
ERROR FRAME DETECTION	Yes
ERROR COUNTERS READING	Yes
API, FREE	Kvaser API, J2534, RP1210
WIDTH (MM)	35
SOUND	No
CLOCK SYNC	Yes
CASING MATERIAL	Highly Durable Plastic
NETWORK CHANNEL(S)	1 x CAN HS
MSGRATE RX MAX	20000
LENGTH (MM)	165

MINIMUM BITRATE (KBPS)	40
MSGRATE TX MAX	20000
API, LICENCED	None
PC INTERFACE	USB
WEIGHT (G)	120.0
ERROR FRAME GENERATION	Yes
HEIGHT (MM)	17

The information herein is subject to change without notice