



Kvaser Leaf Professional Rugged HS

EAN: 73-30130-00509-9

Kvaser Leaf Professional Rugged is a one channel, very high performance, USB interface for CAN. With a IP65 rated aluminium housing, it offers the possibility to easily connect your PC and CANbus network. Includes Kvaser's patented MagiSync feature for synchronized time-stamping, and Galvanic Isolation for protection against voltage spikes.

Major features

- IP65 rated lightweight aluminium housing.
- Automatic and accurate clock synchronization between several Kvaser MagiSync-equipped interfaces through Kvaser MagiSync™. The technical solution is unique and patented by Kvaser.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- 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.
- 100% compatible with applications written for all Kvaser hardware with Kvaser's CANlib.
- Equipped with a 110 cm (44 in.) long USB cable and a 30 cm (12 in.) long CAN cable.
- Interfaces the CAN bus with a 9-pin D-SUB connector.
- Designed for USB 2.0, backward compliant with USB 1.1.
- Quick and easy Plug-and-Play installation.

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 RUGGED HS

TIMESTAMP RESOLUTION (US)	1
LENGTH (MM)	200
MSGRATE RX MAX	20000
OPERATING SYSTEM	Linux,Win Vista,Win 10,Win 8,Win 7,Win XP
CERTIFICATIONS	CE,RoHS
NETWORK CHANNEL(S)	1 x CAN HS
EMBEDDED SCRIPT	No
RUGGED	Yes
CONNECTOR	DSUB 9
HEIGHT (MM)	20
WIDTH (MM)	30
ON-BOARD TX BUFFER	Yes
MSGRATE TX MAX	20000
PRODUCT GROUPS	Leaf
# OF CAN CHANNELS	1
PC INTERFACE	USB
PLAY BACK LOG FILE	No
GALVANIC ISOLATION	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
ON-BOARD RX BUFFER	Yes
STATUS	Active
API, LICENCED	None
CURRENT CONSUMPTION	Typical 70mA
ERROR FRAME GENERATION	Yes
CASING MATERIAL	Aluminium
CB BOARD	No
ON-BOARD BUFFER	Yes

IP CLASS	IP65
API, FREE	Kvaser API, J2534, RP 1210
DATABASE DBC SUPPORT	No
CLOCK SYNC	Yes
SOUND	Yes
MAXIMUM BITRATE (KBPS)	1000
ERROR COUNTERS READING	Yes
ERROR FRAME DETECTION	Yes
MINIMUM BITRATE (KBPS)	5
SILENT MODE	Yes
WEIGHT (G)	150.0
CAN FD	No

The information herein is subject to change without notice