



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

CLOCK SYNC	Yes
MSGRATE TX MAX	20000
CASING MATERIAL	Aluminium
CERTIFICATIONS	CE,RoHS
OPERATING SYSTEM	Linux,Win Vista,Win 10,Win 8,Win 7,Win XP
ERROR FRAME GENERATION	Yes
PRODUCT GROUPS	Leaf
HEIGHT (MM)	20
SILENT MODE	Yes
IP CLASS	IP65
# OF CAN CHANNELS	1
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
MAXIMUM BITRATE (KBPS)	1000
MINIMUM BITRATE (KBPS)	5
PC INTERFACE	USB
EMBEDDED SCRIPT	No
CONNECTOR	DSUB 9
TIMESTAMP RESOLUTION (US)	1
MSGRATE RX MAX	20000
ON-BOARD TX BUFFER	Yes
WIDTH (MM)	30
WEIGHT (G)	150.0
CURRENT CONSUMPTION	
API, LICENCED	None
ERROR FRAME DETECTION	Yes
GALVANIC ISOLATION	Yes
LENGTH (MM)	200



Kvaser Leaf Professional Rugged HS

ON-BOARD BUFFER	Yes
ERROR COUNTERS READING	Yes
SOUND	Yes
RUGGED	Yes
NETWORK CHANNEL(S)	1 x CAN HS
API, FREE	Kvaser API, J2534, RP 1210
ON-BOARD RX BUFFER	Yes
STATUS	Active

The information herein is subject to change without notice