Kvaser Leaf SemiPro Rugged HS

EAN: 73-30130-00506-8

Kvaser Leaf SemiPro Rugged HS is a one-channel, IP65-rated, USB interface for High Speed CAN. Ruggedized to handle harsh environments, this interface 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 protects against dust and moisture.
- Automatic and accurate clock synchronization between several Kvaser Leaf SemiPro 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.
- Polyurethane cabling for extreme environments.

- Galvanic isolation of the CAN bus driver stage to protect the hardware.
- 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

- Fee 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 SEMIPRO RUGGED HS

CLOCK SYNC	Yes
ERROR FRAME DETECTION	Yes
API, FREE	Kvaser API, J2534, RP 1210
CB BOARD	No
# OF CAN CHANNELS	1
MINIMUM BITRATE (KBPS)	5
WEIGHT (G)	160.0
PROMOTIONAL_TEXT	IP65-rated, single channel USB-to-CAN PC interface for High Speed CAN.
# OF CAN CHANNELS	1
TIMESTAMP RESOLUTION (US)	25
MINIMUM BITRATE (KBPS)	5
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
ON-BOARD TX BUFFER	No
CONNECTOR	DSUB 9
LENGTH (MM)	200
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8
MSGRATE RX MAX	15000
ERROR FRAME GENERATION	Yes
GALVANIC ISOLATION	Yes
CURRENT CONSUMPTION	Typical 70mA
RUGGED	Yes
ERROR COUNTERS READING	No
PROMOTIONAL_TEXT	IP65 CAN USB PC CAN
MSGRATE TX MAX	15000
SILENT MODE	Yes
EMBEDDED SCRIPT	No

SOUND	No
PRODUCT GROUPS	Leaf
HEIGHT (MM)	20
DATABASE DBC SUPPORT	No
NETWORK CHANNEL(S)	1 x CAN HS
ERROR COUNTERS READING	No
PC INTERFACE	USB
ON-BOARD BUFFER	Yes
ERROR FRAME GENERATION	Yes
STATUS	Active
CB BOARD	No
TIMESTAMP RESOLUTION (US)	25
ON-BOARD RX BUFFER	No
CERTIFICATIONS	CE,RoHS
WEIGHT (G)	160.0
RUGGED	Yes
WIDTH (MM)	30
IP CLASS	IP65
MAXIMUM BITRATE (KBPS)	1000
CERTIFICATIONS	CE,RoHS
API, FREE	Kvaser API, J2534, RP1210
MSGRATE RX MAX	15000
LENGTH (MM)	200
SOUND	No
ON-BOARD BUFFER	Yes
WIDTH (MM)	30
ON-BOARD TX BUFFER	Yes
CASING MATERIAL	

CLOCK SYNC	Yes
CASING MATERIAL	Aluminium
NETWORK CHANNEL(S)	1 x CAN HS
MSGRATE TX MAX	15000
CAN FD	No
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8
ON-BOARD RX BUFFER	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
STATUS	Active
API, LICENCED	
PC INTERFACE	USB
EMBEDDED SCRIPT	No
CAN FD	No
ERROR FRAME DETECTION	Yes
IP CLASS	IP65
MAXIMUM BITRATE (KBPS)	1000
SILENT MODE	Yes
API, LICENCED	None
PRODUCT GROUPS	Leaf
GALVANIC ISOLATION	Yes
CURRENT CONSUMPTION	70mA
HEIGHT (MM)	20
CONNECTOR	DSUB 9

The information herein is subject to change without notice