



### Kvaser Leaf SemiPro SWC

EAN: 73-30130-00263-0

Kvaser Leaf SemiPro is a one channel USB interface for Single Wire CAN (SAE J2411). It offers the possibility to easily connect several interfaces to a PC. The time-stamping is synchronized through Kvaser MagiSync™, providing flexibility and making it perfect for multi-channel applications. Includes Galvanic Isolation for protection against voltage spikes.

### Major Features

- Supports Single Wire CAN networks (SAE J2534).
- 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

- 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](http://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 SWC

IP CLASS	IP40
CAN FD	No
CASING MATERIAL	Glass Fiber Reinforced PA6
PRODUCT GROUPS	Leaf
PRODUCT GROUPS	Leaf
CAN FD	No
CASING MATERIAL	PA6
WIDTH (MM)	25
DATABASE DBC SUPPORT	No
WIDTH (MM)	25
MAXIMUM BITRATE (KBPS)	100
ERROR FRAME DETECTION	Yes
HEIGHT (MM)	20
# OF CAN CHANNELS	1
TIMESTAMP RESOLUTION (US)	25
CURRENT CONSUMPTION	Typical 70mA
SOUND	No
MSGRATE TX MAX	2000
STATUS	Active
ERROR FRAME DETECTION	Yes
CB BOARD	No
API, FREE	Kvaser API, J2534, RP1210
MINIMUM BITRATE (KBPS)	5
CERTIFICATIONS	CE,RoHS
ON-BOARD TX BUFFER	Yes
HEIGHT (MM)	20
PC INTERFACE	USB

NETWORK CHANNEL(S)	1 x CAN SWC
PC INTERFACE	USB
ON-BOARD RX BUFFER	No
OPERATING SYSTEM	Linux,Win Vista,Win 10,Win 8,Win 7,Win XP
SILENT MODE	Yes
API, LICENCED	None
LENGTH (MM)	100
STATUS	Active
ERROR FRAME GENERATION	Yes
NETWORK CHANNEL(S)	1 x CAN SWC
SILENT MODE	Yes
RUGGED	No
IP CLASS	IP40
PLAY BACK LOG FILE	No
CONNECTOR	DSUB 9
ON-BOARD RX BUFFER	Yes
CONNECTOR	DSUB 9
CLOCK SYNC	No
ERROR COUNTERS READING	No
EMBEDDED SCRIPT	No
CB BOARD	No
RUGGED	No
ERROR COUNTERS READING	No
OPERATING SYSTEM	Win 10,Win Vista,Linux,Win 8,Win 7,Win XP
ERROR FRAME GENERATION	Yes
WEIGHT (G)	100.0
EMBEDDED SCRIPT	No
CLOCK SYNC	Yes

GALVANIC ISOLATION	Yes
CURRENT CONSUMPTION	70mA
API, FREE	Kvaser API, J2534, RP 1210
MINIMUM BITRATE (KBPS)	5
CERTIFICATIONS	CE,RoHS
API, LICENCED	
ON-BOARD BUFFER	Yes
WEIGHT (G)	100.0
ON-BOARD TX BUFFER	No
MSGRATE RX MAX	2000
SOUND	No
ON-BOARD BUFFER	Yes
MSGRATE TX MAX	2000
LENGTH (MM)	100
MSGRATE RX MAX	2000
GALVANIC ISOLATION	Yes
MAXIMUM BITRATE (KBPS)	100
# OF CAN CHANNELS	1
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
TIMESTAMP RESOLUTION (US)	25
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00

The information herein is subject to change without notice