KVASER HYBRID 2xCAN/LIN

EAN: 73-30130-00965-3

Kvaser Hybrid 2xCAN/LIN is a flexible, dual channel interface where each channel can be configured independently, either as CAN or LIN. With a standard USB connector and two high-speed CAN or LIN channels in two separate 9-pin D-SUB CAN connectors, this is a high-performance, yet compact 'universal interface' that every engineer involved in automotive communications needs!

Use this as a dual-channel CAN interface, or simply configure the device in runtime to connect two high speed LIN buses to a PC or mobile computer, or one LIN and one CAN. Kvaser Hybrid supports CAN FD and is shipped with Kvaser TRX, a lightweight development environment that lowers the bar when starting out programming the device.

Warranty
2-year warranty. See our General Conditions and Policies for details.

Support
Free support for all products by contacting support@kvaser.com.

KVASER HYBRID 2xCAN/LIN

EAN: 73-30130-00965-3

Major Features

- Hybrid USB CAN/LIN interface.
- Supports CAN FD up to 5Mbit/s (with proper physical layer implementation). Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Quick and easy plug-and-play installation.
- Supports High-Speed CAN (ISO11898-2) up to 1Mbit/s.
- Supports CAN 2.0 A and CAN 2.0 B active.
- Supports LIN 2.2.
- Power is taken from the USB bus.
- LIN reference power detection.
- Fully compatible with J1939, CANopen, NMEA 2000 and DeviceNet.
- Fully compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.
- Supports Kvaser MagiSync to provide automatic time synchronization.
- Silent mode for analysis tools—listens to the bus without interfering.
- Auto response and transmit buffers allow the device to send messages on defined events or intervals.
- Galvanically isolated bus drivers.

Technical Data

CAN Channel Performance Data

Bit Rate	50 - 1000 kbps
Messages Per Second	20,000
CAN FD	Up to 5Mbit/s

LIN Channel Performance Data

Bit Rate	1 - 20 kbps

General Hardware Data

Casing Material	PC-ABS
Weight	165 g
Channels	2
Dimensions	47 x 170 x 18 mm
Galvanic Isolation	Yes
IP Class	IP40
Operating Temperature Range	-40 °C to +85 °C
PC Interface	USB

Software

Documentation, Kvaser CANlib SDK 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, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types