KVASER Hybrid Pro CAN/LIN

EAN: 73-30130-01288-2

Kvaser Hybrid Pro CAN/LIN is a flexible, single channel interface that can be assigned as either CAN, CAN/FD or LIN. This makes the Kvaser Hybrid Pro CAN/LIN a must-have 'universal interface' for every engineer involved in automotive communications!

The Pro version offers advanced features such as support for Silent Mode, Error Frame Detection and Generation and Kvaser MagiSync™ automatic clock synchronization. Silent Mode allows you to listen in on a CAN bus without injecting new information that other nodes will detect, whilst Kvaser MagiSync™ synchronizes timestamps across multiple Kvaser MagiSync™-enabled devices without needing extra wires.

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

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

Major Features

- *t* programming allows users to set up complex triggers and filters on the device, perform ECU simulation or transform your device into a gateway/bridge.
- Supports CAN FD, up to 5 Mbit/s (with proper physical layer).
- Supports High Speed CAN (ISO 11898-2) up to 1Mbit/s and LIN 2.2A (ISO 17987 Part 1-7) up to 20 kbit/s.
- Quick and easy plug-and-play installation.
- Supports CAN 2.0 A and CAN 2.0 B active.
- USB powered (bus V+ reference required for LIN).
- Kvaser MagiSync – automatic time synchronization.
- Fully compatible with J1939, CANopen, NMEA 2000 and DeviceNet.

Technical Data

CAN Bit Rate	50 kbit/s to 1 Mbit/s
CAN FD	Yes
CAN FD Bit Rate	Up to 5 Mbit/s
CAN Channels	1
LIN Bit Rate	1 kbit/s to 20 kbit/s
Current Consumption	Max 195 mA
Dimensions	35 x 165 x 17 mm
Galvanic Isolation	Yes
IP Rating Housing	IP40
Kvaser MagiSync	Yes
Max Message Rate	20,000 msg/s
Operating Temperature Range	-40 °C to +85 °C
PC Interface	USB
Timestamp Resolution	1 µs
Weight	120 g
Operating Systems	Windows, Linux

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