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KVASER USBcan Pro 4xHS

EAN: 73-30130-01261-5

The Kvaser USBcan Pro 4xHS is an advanced, portable multi-channel CAN to USB real time interface that handles transmission and reception of standard and extended CAN messages on the CAN bus with a high time stamp precision. Features include t programming and MagiSync™, which makes it possible to synchronise time stamps across multiple Kvaser MagiSync™-enabled devices without requiring 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

- Multi-channel USB CAN interface with Kvaser t programmability.
- 20 000 msg/s per channel, each timestamped with a resolution of 1 μ s.
- Kvaser MagiSync™ – automatic time synchronization.
- Supports CAN FD, up to 8 Mbit/s (with correct physical layer implementation).
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Supports silent mode for analysis tools – listen to the bus without interfering.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Fully compatible with J1939, CANopen, NMEA 2000® and DeviceNet.
- Simultaneous operation of multiple devices.
- Power is taken from the USB bus.
- Includes a 4-channel breakout cable.

Technical Data

CAN Bit Rate	40 kbit/s to 1 Mbit/s
CAN FD	Yes
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Channels	4
CAN Transceivers	MCP2561FD
Certifications	CE, RoHS
Connector	DSUB 9
Current Consumption	Max 500 mA
Dimensions	50 x 170 x 20 mm
Galvanic Isolation	Yes
IP Rating Housing	IP40
Operating Temperature Range	-40 °C to +85 °C
Silent Mode	Yes
Timestamp Resolution	1 μ s
Weight	150 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