# 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 μs.
- 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

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| **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 μs |
| **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