KVASER
Advancing connectivity

# Kvaser USBcan Light 4xHS

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## Your Gateway to Efficient Connectivity

The USBcan Light 4xHS is a compact, reliable and cost-effective means of connecting four high-speed CAN busses to a PC or mobile computer.

With galvanic isolation as standard, this USB to quad channel CAN interface has a standard USB connector at one end and four high speed CAN channels in a single 26-pin HD D-SUB CAN connector at the other. The supplied HD26-4xDS9 splitter can be used to connect to four separate 9-pin D-SUB connectors.

**Warranty**
2-Year warranty. See our general conditions and policies for details.

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

**EAN**
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## Major Features

- Low-cost USB CAN interface.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29bit (CAN 2.0B active) identifiers.
- Power is taken from the USB bus.
- Galvanic isolation.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Simultaneous operation of multiple devices.
- Includes 4-channel breakout cable.
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page (www.kvaser.com).

## Support

Documentation, Kvaser SDK and drivers can be downloaded for free at www.kvaser.com/downloads.

Kvaser 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 script 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.

## Technical Data

| | |
|---|---|
| **CAN Bit Rate** | 50-1000 kbps |
| **Channels** | 4 |
| **Connectors** | 26-pin HD D-SUB |
| **Dimensions** | 50 x 170 x 20 mm for body incl. strain relief |
| **Error Frame Detection** | Yes |
| **Error Frame Generation** | No |
| **Galvanic Isolation** | Yes |
| **Host interface** | USB Hi-Speed |
| **Messages Per Second Receive** | 8000 mps |
| **Messages Per Second Sending** | 8000 mps |
| **Operating Systems** | Linux, Windows [1] |
| **Power consumption** | 370 mA at 5 V |
| **Regulatory Compliance** | CE, FCC |
| **Silent Mode** | No |
| **Temperature Range** | -20 to +70 °C |
| **Timestamp** | 100 µs |
| **Weight** | 144 g (286 g with HD26-4xDS9 splitter cable) |

[1] Windows 7, 8, 10 (IA-32 and x86-64)
Windows 11 (x86-64)

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