KVASER
Advancing connectivity

Kvaser USBcan Light 4xHS

Learn more about this product









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

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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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