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## Your Gateway to Efficient Connectivity

Kvaser USBcan R v2 2xHS is a lightweight, yet highly durable, two channel CAN bus interface. The IP65-rated housing is made of aluminum alloy, sealed with a heavy-duty polyurethane coating that assures reliable protection against water and dust ingress, and is vibration, shock and drop proof. With a standard USB2.0 connection and two high-speed CAN channels in two separate 9-pin D-SUB CAN connectors, the Kvaser USBcan R v2 2xHS handles transmission and reception of standard and extended CAN messages, with a time stamp precision of 100 microseconds. Features include error frame detection.

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

 **Support**  
Free support for all products by contacting [support@kvaser.com](mailto:support@kvaser.com)

 **EAN**  
73-30130-00920-2

## Major Features

- Connect to two CAN channels simultaneously using just one device.
- IP65 rated lightweight aluminum housing, sealed with polyurethane coating.
- Capable of sending up to 15000 messages per second, per channel, each time-stamped with 100 microsecond accuracies.
- Quick and easy plug-and-play installation.
- Supports High Speed CAN (ISO 11898-2) up to 1 Mbit/s.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Power is taken from the USB bus.
- Detection of error frames.
- LED lights alert user to device status.
- 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](http://www.kvaser.com)).

## Support

Documentation, Kvaser SDK and drivers can be downloaded for free at [www.kvaser.com/downloads](http://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

<b>Casing Material</b>	Aluminum
<b>Channels</b>	2
<b>Current Consumption</b>	~ 5V and 130mA powered from the USB
<b>Dimensions</b>	30 x 200 x 17 mm for body incl. strain relief
<b>Error Counters Reading</b>	No
<b>Error Frame Detection</b>	Yes
<b>Error Frame Generation</b>	No
<b>Galvanic Isolation</b>	Yes
<b>Interfaces</b>	USB, CAN
<b>IP Class</b>	IP65
<b>Maximum Bitrate</b>	1000 kbps
<b>Minimum Bitrate</b>	50 kbps
<b>Msgrate Rx Max</b>	15000
<b>Msgrate Tx Max</b>	15000
<b>Operating Systems</b>	Linux, Windows <sup>1</sup>
<b>Regulatory Compliance</b>	CE, FCC
<b>Silent Mode</b>	Yes
<b>Temperature Range</b>	-40 to +70 °C
<b>Weight</b>	179 g

<sup>1</sup> Windows 7, 8, 10 (IA-32 and x86-64)  
Windows 11 (x86-64)