Learn more about this product

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

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).

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

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

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