



## KVASER USBCAN R V2

EAN: 73-30130-00920-2

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).

## 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 1Mbit/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.
- 100% compatible with applications written for other.

## Technical Data

<b>Bit Rate</b>	50 - 1000 kbps
<b>CAN Channels</b>	2
<b>Casing Material</b>	Aluminium
<b>Connector</b>	DSUB 9 Male
<b>Current Consumption</b>	~ 5V and 130mA powered from the USB
<b>Dimensions</b>	30 x 200 x 17 mm
<b>Error Frame Detection</b>	Yes
<b>Galvanic Isolation</b>	Yes
<b>Operating Temperature Range</b>	-40 °C to +70 °C
<b>PC Interface</b>	Shielded RJ45 socket STP
<b>Timestamp Resolution</b>	100µs
<b>IP Class</b>	IP65
<b>Weight</b>	176g
<b>Operating Systems</b>	Windows (Vista or later), Linux

## Software

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