



KVASER USBCAN R V2 2XHS

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 and LED indicators showing power and CAN channel status.

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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 Kvaser CAN hardware with Kvaser CANlib.
- Fully compatible with J1939, CANopen, NMEA 2000 and DeviceNet.
- Operating temperature range from -40 to 70°C.

Technical Data

Bitrate	50-1000 kbps
Temp Range	-40 - 70 °C
Timestamp	100
Messages Per Second Receive	15000 mps
Messages Per Second Sending	15000 mps
Weight	176 g
Length	200 mm
Height	20 mm
Channels	2
Certificates	CE, RoHS
Interfaces	USB
Categories	PC Interfaces, Interfaces
OS	Windows 10, 8, 7, Vista, XP, and Linux
Connectors	DSUB 9
Buffers	Auto RX Buffers, Auto TX Buffers, On Board Buffer
Galvanic Isolation	Yes
Error Frame Generation	No
Error Counters Reading	No
Silent Mode	No
Material	Aluminium
Sound	No
Current Consumption	~ 5V and 130mA powered from the USB



WARRANTY

2-Year Warranty. See our General Conditions and Policies for details.

SUPPORT

Free Technical Support on all products available by contacting support@kvaser.com

SOFTWARE

Documentation, software and drivers can be downloaded for free at: 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, and Visual Basic.

All Kvaser CAN interface boards share a common software API. Programs written for one interface type will run without modifications on the other interface types!

J2534 Application Programming Interface available.

RP1210A Application Programming Interface available.

Online documentation in Windows HTML-Help and Adobe Acrobat format.