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. Register your product at www.kvaser.com/getting-started for an additional 1-year warranty extension.

Support

Free Technical Support on all products available by contracting 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.

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

Technical Data

# of CAN Channels	2
CAN FD	No
Casing Material	Aluminium
Current Consumption	~ 5V and 130mA powered from the USB
Error Counters Reading	No
Error Frame Detection	Yes
Error Frame Generation	No
Galvanic Isolation	Yes
IP Class	IP65
Maximum Bitrate (kbps)	1000
Minimum Bitrate (kbps)	50
Msgrate Rx Max	15000
Msgrate Tx Max	15000
Silent Mode	No
Weight (g)	176