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this product



## Your Gateway to Efficient Connectivity

The BlackBird v2's ability to leverage existing wireless infrastructure makes it ideal for replacing cumbersome cables, accessing hard-to-reach CAN networks, or for monitoring a CANbus while in motion. Based on a radio chip that is Wi-Fi certified and meets CE and FCC standards, it works in both Ad Hoc and Infrastructure modes.

 **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**  
73-30130-00671-3

## Major Features

- WLAN version 802.11b/g/n.
- A REST-based application programming interface (API) allows Blackbird v2 to be accessed from any tablet PC or smartphone.
- Lightweight but highly rugged aluminum housing, with galvanic isolation at the CAN bus connection.
- Polyurethane cabling suitable for extreme environments.
- Interfaces the CAN bus with a standard D-SUB connector.
- Can be used as a wired interface.
- Operating voltage CAN bus (7 - 40 V DC).
- Messages are time-stamped and synchronized with a precision of 25 microsecond.
- Supports High Speed CAN (ISO 11898-2).
- Supports 11-bit and 29-bit identifiers.
- 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 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.

## Technical Data

<b>Buffers</b>	Auto RX Buffers, Auto TX Buffers, On Board Buffer
<b>CAN Bit Rate</b>	40-1000 kbps
<b>CAN Channels</b>	1
<b>Certificates</b>	CE, RoHS
<b>Connectors</b>	D-SUB 9
<b>Dimensions</b>	30 x 190 x 17 mm for body incl. strain relief
<b>Error Frame Detection</b>	Yes
<b>Error Frame Generation</b>	Yes
<b>Galvanic Isolation</b>	Yes
<b>Interfaces</b>	USB, WiFi, CAN
<b>Messages Per Second Receive</b>	15000 mps
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<b>Operating Systems</b>	Windows, Linux
<b>Silent Mode</b>	Yes
<b>Sound</b>	No
<b>Temperature Range</b>	-40 °C to +70 °C
<b>Weight</b>	135 g