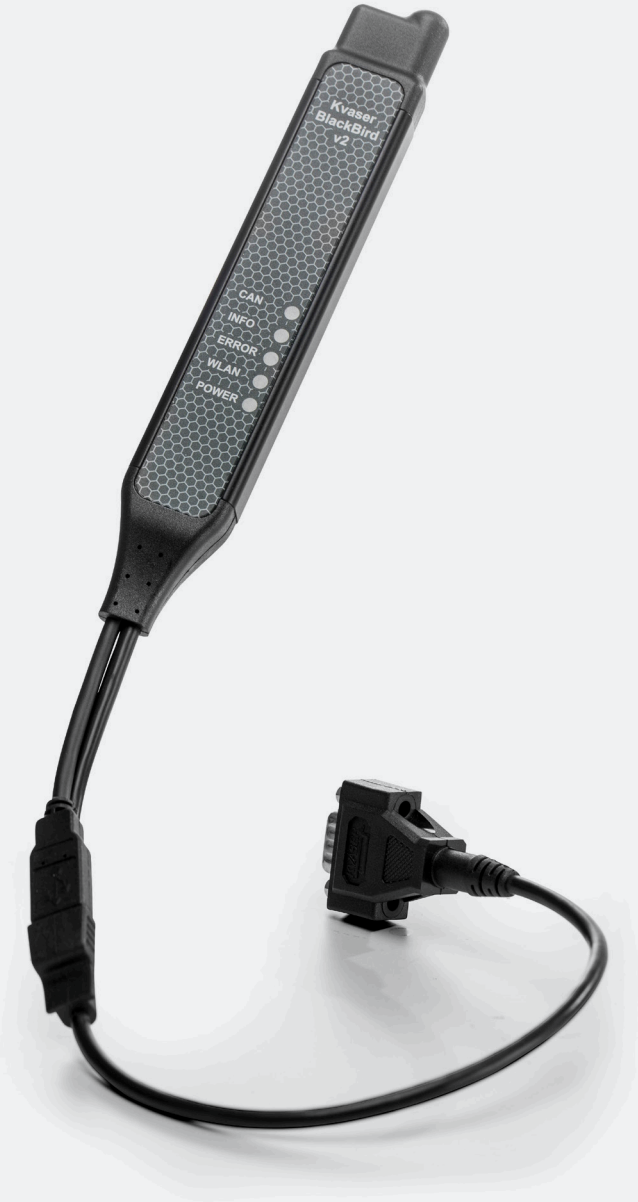
KVASER
Advancing connectivity

Kvaser BlackBird v2

Learn more about 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

EAN
73-30130-00671-3

Ref. No. 98360-1 v. 2.0

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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).

Support

Documentation, Kvaser CANlib SDK 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, 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

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

Kvaser AB
Aminogatan 25A
SE-431 53 Mölndal
Sweden

Sales
sales@kvaser.com

Support
support@kvaser.com

Order
order@kvaser.com

kvaser.com

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