



KVASER BLACKBIRD V2

EAN 73-30130-00671-3

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.

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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.

Technical Data

Bit Rate	40-1000 kbps
Temp Range	-40 - 70 °C
Messages Per Second Receive	15000 mps
Messages Per Second Sending	15000 mps
Weight	200 g
Length	170 mm
Height	20 mm
Channels	1
Certificates	CE, RoHS
Interfaces	WiFi
OS	Windows 10, 8, 7 and Vista
Connectors	DSUB 9
Buffers	Auto RX Buffers, Auto TX Buffers, On Board Buffer
Galvanic Isolation	Yes
Error Frame Generation	Yes
Error Counters Reading	Yes
Silent Mode	Yes
Sound	No



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.