



Kvaser BlackBird v2

EAN: 73-30130-00671-3

Kvaser BlackBird v2 is a high performance wireless (WLAN) communication link for the High Speed CAN bus. More powerful and versatile a WLAN solution than Kvaser's original BlackBird, Kvaser BlackBird v2 incorporates a new radio chip with up to 75% better range. More onboard memory overcomes potential interruptions to the wireless connection due to the protocol itself or disturbance. The BlackBird v2's ability to leverage existing wireless infrastructure makes it ideal for replacing cumbersome cable, accessing hard-to-reach CAN networks, or for monitoring a CANbus while in motion. Based on radio chip that is Wi-Fi certified and meets CE and FCC standards, it works in both Ad Hoc and Infrastructure mode. The Blackbird v2's API is "device agnostic" and can be used on a tablet, smartphone, or PC.

Major Features

- WLAN version 802.11b/g/n.

- Responds to increased market demand for iOS and Android API with a “device agnostic” HTTP-based REST API.
- Up to 75% increased range.
- Works in AdHoc and Infrastructure mode.
- Lightweight but highly rugged aluminum housing.
- Polyurethane cabling suitable for extreme environments.
- Galvanic isolation of the CAN bus driver stage to protect the hardware.
- Interfaces the CAN bus with a standard D-SUB connector.
- Configured via USB connection.
- 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.

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.



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- RP1210A Application Programming Interface available.
- On-line documentation in Windows HTML-Help and Adobe Acrobat format.

TECHNICAL DATA - KVASER BLACKBIRD V2

WIDTH (MM)	30
MSGRATE RX MAX	15000
API, FREE	Kvaser API
SILENT MODE	Yes
ON-BOARD BUFFER	Yes
WEIGHT (G)	200.0
ON-BOARD TX BUFFER	Yes
TIMESTAMP RESOLUTION (US)	25
ERROR FRAME DETECTION	Yes
LENGTH (MM)	170
GALVANIC ISOLATION	Yes
PC INTERFACE	WiFi
CERTIFICATIONS	CE,RoHS
STATUS	Active
ERROR COUNTERS READING	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 70.00
ON-BOARD RX BUFFER	Yes
SOUND	No
# OF CAN CHANNELS	1
ERROR FRAME GENERATION	Yes
RUGGED	No
CASING MATERIAL	Aluminium
MSGRATE TX MAX	15000
MINIMUM BITRATE (KBPS)	40
HEIGHT (MM)	20
CONNECTOR	DSUB 9
MAXIMUM BITRATE (KBPS)	1000



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The information herein is subject to change without notice