



### Kvaser BlackBird SemiPro HS/HS

EAN: 73-30130-00453-5

**NOTE:** The Kvaser Blackbird SemiPro HS (73-30130-00453-5) has been marked "End of Life". Existing customers are encouraged to migrate to the [Kvaser Blackbird v2 \(73-30130-00671-3\)](https://www.kvaser.com/blackbird-v2).

For more information, please [contact us](#).

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Kvaser BlackBird SemiPro is a high performance wireless (WLAN) communication link to the CAN bus. The wireless interface offers increased mobility and extended range of coverage for CAN bus networks. Kvaser BlackBird SemiPro is able to function over existing wireless infrastructure or in Ad Hoc mode.

### Major Features

Kvaser  
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<https://www.kvaser.com/>



- WLAN version 802.11b/g.
- Encryption: WPA2/WPA/WEPA128/WEPA64.
- Accessibility: Public/Private.
- Provides the functionality of a WLAN and a USB-to-CAN bus interface in a single device.
- Designed for USB 2.0, backward compliant with USB 1.1.
- Rugged lightweight aluminium housing for protection against dust and moisture.
- Messages are time-stamped and synchronized with a precision of 25 microsecond.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Supports silent mode for analyzing tools.
- Polyurethane cabling for extreme environments.
- Galvanic isolation of the CAN bus driver stage to protect the hardware.
- Equipped with a 45 cm (17.7 in.) long CAN cable.
- Interfaces the CAN bus via 9 pin D-SUB connector.
- Includes DSUB 15 pin to 2xDSUB 9 pin adapter.
- Quick and easy Plug-and-Play installation.
- Operating voltage CAN bus (7 - 40 V DC).

## 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](https://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.
- On-line documentation in Windows HTML-Help and Adobe Acrobat format.



TECHNICAL DATA - KVASER BLACKBIRD SEMIPRO HS/HS

MINIMUM BITRATE (KBPS)	5
CONNECTOR	DSUB 15
MAXIMUM BITRATE (KBPS)	1000
RUGGED	No
MSGRATE TX MAX	15000
ERROR FRAME DETECTION	No
# OF CAN CHANNELS	2
HEIGHT (MM)	20
CURRENT CONSUMPTION	Typical values are: 400mA if powered from the USB (~5V). 1.4W for single channel powered from the CAN bus. 1.8W for dual channel powered from the CAN bus. 2.2W for three channel powered from the CAN bus.
CLOCK SYNC	No
WEIGHT (G)	190.0
CB BOARD	No
ERROR FRAME GENERATION	No
API, LICENCED	None
CAN FD	No
PRODUCT GROUPS	
NETWORK CHANNEL(S)	
WIDTH (MM)	30
EMBEDDED SCRIPT	No
SOUND	No
OPERATING TEMPERATURE RANGE (C)	-30.00 to 85.00
SILENT MODE	No
MSGRATE RX MAX	15000
PC INTERFACE	WiFi

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## Kvaser BlackBird SemiPro HS/HS

TIMESTAMP RESOLUTION (US)	25
ON-BOARD RX BUFFER	No
ERROR COUNTERS READING	No
API, FREE	Kvaser API, J2534, RP 1210
ON-BOARD TX BUFFER	No
GALVANIC ISOLATION	No
CERTIFICATIONS	
DATABASE DBC SUPPORT	No
IP CLASS	IP65
LENGTH (MM)	220
CASING MATERIAL	Aluminium
ON-BOARD BUFFER	No
OPERATING SYSTEM	
STATUS	Obsolete

The information herein is subject to change without notice