

## Kvaser BlackBird SemiPro HS



Kvaser BlackBird SemiPro is a powerful and versatile WLAN solution that is able to function over existing wireless infrastructure or to generate its own 'hotspot' wireless network.

Kvaser BlackBird SemiPro is a high performance wireless communication link to the CAN bus utilizing WLAN technology, which offers increased mobility and extended range of coverage for CAN bus networks.

### Major features

- WLAN version 802.11b/g
- Encryption: WPA2/WPA/WEP128/WEP64
- 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
- IP67 rated lightweight aluminium housing
- 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.
- 100% software compatible with applications written for all Kvaser hardware with Kvaser CANlib SDK
- Equipped with a 50 cm (19.7 in.) long CAN cable.
- Interfaces the CAN bus with a D-SUB connector.
- Quick and easy Plug-and-Play installation.
- Operating voltage CAN bus (7 - 40 V DC)



## Technical Data

### Kvaser BlackBird SemiPro HS

Galvanic Isolation	Yes
Bitrate	20-1000 kbit/s
Silent mode	Yes
Error frame generation	Yes
Error frame detection	Yes
Weight	200g
Timestamp resolution	25 s
On board buffer	Yes
Maximum message rate, send	15000
Maximum message rate, receive	15000
Sound	No
Clock synchronization	MagiSync
Dimensions (WxLxH)	30x170x20mm
Temperature range	-30 C to +85 C
Order number	73-30130-00441-2

The information herein is subject to change without notice

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