

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 it's own 'hotspot' wireless network. Ideal for

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/WEPI28/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

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Galvanic Isolation	Yes
Bitrate	20-1000 kbit/s
Silent mode	Yes
Error frame generation	Yes
Error frame detection	Yes
Weight	200g
Timestamp resolution	25µs
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