

Kvaser BlackBird SemiPro HS/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/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 45 cm (17.7 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)
- Includes DSUB 15 pin to 2xDSUB 9 pin adapter

Technical Data

Kvaser BlackBird SemiPro HS/HS

| | |
|-------------------------------|------------------|
| Galvanic Isolation | Yes |
| Bitrate | 20-1000 kbit/s |
| Silent mode | Yes |
| Error frame generation | Yes |
| Error frame detection | Yes |
| Weight | 190g |
| Timestamp resolution | 25µs |
| On board buffer | Yes |
| Maximum message rate, send | 15000 |
| Maximum message rate, receive | 15000 |
| Sound | No |
| Clock synchronization | MagiSync |
| Dimensions (WxLxH) | 30x220x20mm |
| Temperature range | -30°C to +85°C |
| Order number | 73-30130-00453-5 |

The information herein is subject to change without notice