



Kvaser BlackBird SemiPro HS

EAN: 73-30130-00441-2

NOTE: The Kvaser Blackbird SemiPro HS (73-30130-00441-2) 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/products/blackbird-v2/).

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

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/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
- 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

CAN FD	No
CONNECTOR	DSUB 9
LENGTH (MM)	170
MSGRATE RX MAX	15000
OPERATING TEMPERATURE RANGE (C)	-30.00 to 85.00
ERROR FRAME GENERATION	Yes
WIDTH (MM)	30
CERTIFICATIONS	CE,RoHS
IP CLASS	IP65
PC INTERFACE	WiFi
CURRENT CONSUMPTION	N/A
NETWORK CHANNEL(S)	1 x CAN HS
TIMESTAMP RESOLUTION (US)	25
ERROR FRAME DETECTION	Yes
# OF CAN CHANNELS	1
ERROR COUNTERS READING	Yes
DATABASE DBC SUPPORT	No
MAXIMUM BITRATE (KBPS)	1000
PRODUCT GROUPS	Blackbird
SOUND	No
MSGRATE TX MAX	15000
INVENTORY	Call Us
EMBEDDED SCRIPT	No
RUGGED	No
CB BOARD	No
OPERATING SYSTEM	Win XP,Win 7,Win Vista,Win 10,Win 8

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HEIGHT (MM)	20
ON-BOARD RX BUFFER	Yes
STATUS	Obsolete
CLOCK SYNC	Yes
GALVANIC ISOLATION	Yes
MINIMUM BITRATE (KBPS)	5
API, FREE	Kvaser API, J2534, RP 1210
ON-BOARD TX BUFFER	Yes
ON-BOARD BUFFER	Yes
API, LICENCED	None
CASING MATERIAL	Aluminium
SILENT MODE	Yes
WEIGHT (G)	200.0

The information herein is subject to change without notice