



### Kvaser USBcan II HS/LS

EAN: 73-30130-00174-9

The Kvaser USBcan II HS/LS is a two-channel CANbus (controller area network ) interface for USB 1.1 and 2.0. One channel is configured for High Speed CAN (ISO 11898-2); the second channel configure for Low Speed or "fault tolerant" CAN (ISO 11898-3). A flexible way to connect your PC to the CANbus.

#### Major Features

- Two channel CAN bus interface through a standard USB interface.
- One High Speed CAN channel (ISO 11898-2), and one Low Speed CAN channel (ISO 11898-3).
- Supports 11 bit (CAN 2.0A) as well as 29 bit (CAN 2.0B) identifiers.
- Native USB 1.1 support, forward compatible with USB 2.0 in full-speed mode (i.e. 12 Mbit/s).
- Contains the powerful Mitsubishi M16C microcontroller, with two built-in CAN controllers.
- Remote frames can be sent and received without restrictions.

- Detect and generate error frames on the CAN bus.
- Auto Transmit for placing messages on the bus at set intervals.

## 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](http://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 USBCAN II HS/LS

# OF CAN CHANNELS	2
API, FREE	Kvaser API, J2534, RP 1210
CLOCK SYNC	No
PRODUCT GROUPS	USBcan
SOUND	No
CERTIFICATIONS	CE,RoHS
CASING MATERIAL	-
IP CLASS	IP65
ERROR COUNTERS READING	Yes
OPERATING SYSTEM	Linux,Win Vista,Win 10,Win 8,Win 7,Win XP
ON-BOARD RX BUFFER	Yes
LENGTH (MM)	90
RUGGED	No
MSGRATE TX MAX	6000
MSGRATE RX MAX	12000
HEIGHT (MM)	25
WIDTH (MM)	50
ERROR FRAME DETECTION	Yes
MAXIMUM BITRATE (KBPS)	1000
MINIMUM BITRATE (KBPS)	N/A
NETWORK CHANNEL(S)	1 x CAN LS,1 x CAN HS
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
CONNECTOR	DSUB 9
PC INTERFACE	USB
EMBEDDED SCRIPT	No
IP CLASS	IP67

5 V and ca. 130 mA if powered from the USB side.



## Kvaser USBcan II HS/LS

CURRENT CONSUMPTION	Ca. 850 mW (9 – 30 V DC) if powered from the CAN bus connector
STATUS	Active
ERROR FRAME GENERATION	Yes
API, LICENCED	None
GALVANIC ISOLATION	No
SILENT MODE	Yes
WEIGHT (G)	150.0
ON-BOARD TX BUFFER	Yes
TIMESTAMP RESOLUTION (US)	30
ON-BOARD BUFFER	Yes

The information herein is subject to change without notice