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this product




## Your Gateway to Efficient Connectivity

The Kvaser Ethercan HS is a powerful, real-time Ethernet to CAN interface that, when linked over the Internet to an Ethernet-equipped PC, allows CAN data to be remotely accessed from anywhere in the world. Built-in Power over Ethernet (PoE) eliminates the need for a separate power cable when you can't power the device from the CAN bus.

 **Warranty**  
2-Year warranty. See our general conditions and policies for details.

 **Support**  
Free support for all products by contacting [support@kvaser.com](mailto:support@kvaser.com)

 **EAN**  
73-30130-00976-9

## Major Features

- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Supports Kvaser REST API, enabling CAN data exchange with a variety of web-enabled devices.
- Ethernet connection has autoMDIX, so it automatically detects and adjusts for the Ethernet cable being used.
- Built-in Power over Ethernet (PoE) - receives data and power over the Ethernet cable.
- Small, lightweight plastic housing with galvanic isolation.
- Includes Ethercan Factory Reset Device. This device provides the ability to reset the Ethercan's IP address to factory defaults at the push of a button.
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page ([www.kvaser.com](http://www.kvaser.com)).

## Support

Documentation, Kvaser CANlib SDK 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, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.

## Technical Data

<b>Bit Rate</b>	40-1000 kbps
<b>Casing Material</b>	PC-ABS
<b>Certificates</b>	CE, RoHS
<b>Channels</b>	1
<b>Connector</b>	D-SUB 9
<b>Current Consumption</b>	PoE (Power over Ethernet) IEEE 802.3af or CAN +9V to +35V DC
<b>Dimensions</b>	35 x 165 x 17 mm for body incl. strain relief
<b>Error Frame Detection</b>	Yes
<b>Galvanic Isolation</b>	Yes
<b>Interfaces</b>	Shielded RJ45 socket STP
<b>Operating Systems</b>	Windows, Linux
<b>Silent Mode</b>	No
<b>t Program</b>	Yes
<b>Temperature Range</b>	-20 °C to +70 °C
<b>Timestamp Resolution</b>	25 µs
<b>Weight</b>	120 g