KVASER
Advancing connectivity

Kvaser Ethercan Light HS

Learn more about this product

Your Gateway to Efficient Connectivity

The Kvaser Ethercan Light HS is a CAN-to-Ethernet interface that facilitates the adoption of the Internet of Things (IoT) concept within modern manufacturing environments by enabling data from any CAN product or system to be accessed over the Internet, via an Ethernet-equipped PC.

Ethercan makes it easy to implement the Internet of Things (IoT) concept by enabling data from any CAN product or system to be sent over a corporate network or the Cloud, using the standard Kvaser API. The Kvaser Ethercan device can be configured with a static IP and comes with an Ethercan Factory Reset Device to reset the configuration to factory default DHCP settings at the push of a button.

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

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-00713-0

Ref. No. 98361-8 v. 2.0

KVASER
Advancing connectivity

Kvaser Ethercan Light HS

Major Features

- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Ethernet connection has auto-MDIX, 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).

Support

Documentation, Kvaser CANlib SDK and drivers can be downloaded for free at www.kvaser.com/downloads.

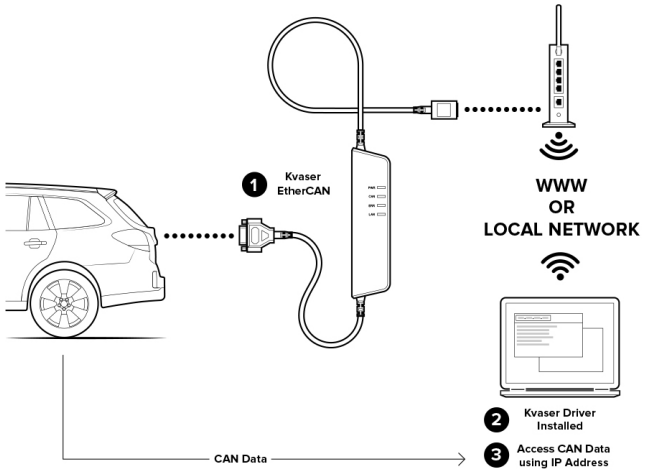
Kvaser CANlib SDK is a free resource that includes everything you need to develop software for the Kvaser CAN interfaces. Includes full documentation and many program samples, written in C, C++, C#, Delphi, Visual Basic, Python and t programming language.

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

Bit Rate	40-1000 kbps
Channels	1
Certificates	CE, RoHS
Dimensions	35 x 165 x 17 mm for body incl. strain relief
Error Frame Generation	No
Error Counters Reading	No
Galvanic Isolation	Yes
Interfaces	Ethernet RJ45
Messages Per Second Receive	15000 mps
Messages Per Second Sending	15000 mps
Operating Systems	Windows [1]
Silent Mode	No
Temperature Range	-20 to +70 °C
Weight	123 g

[1] Windows 7, 8, 10 (IA-32 and x86-64)
Windows 11 (x86-64)



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Kvaser Ethercan HS

Learn more about 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

EAN
73-30130-00976-9

KVASER
Advancing connectivity

Kvaser Ethercan HS

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).

Support

Documentation, Kvaser CANlib SDK and drivers can be downloaded for free at 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

Bit Rate	40-1000 kbps
Casing Material	PC-ABS
Certificates	CE, RoHS
Channels	1
Connector	D-SUB 9
Current Consumption	PoE (Power over Ethernet) IEEE 802.3af or CAN +9V to +35V DC
Dimensions	35 x 165 x 17 mm for body incl. strain relief
Error Frame Detection	Yes
Galvanic Isolation	Yes
Interfaces	Shielded RJ45 socket STP
Operating Systems	Windows [1]
Silent Mode	No
***t* Script**	Yes
Temperature Range	-20 to +70 °C
Timestamp Resolution	25 µs
Weight	123 g

[1] Windows 7, 8, 10 (IA-32 and x86-64)
Windows 11 (x86-64)

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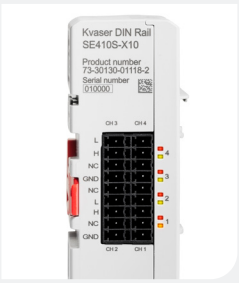
Ref. No. 98362-5 v. 2.0

KVASER
Advancing connectivity

Kvaser DIN Rail SE410S-X10

Learn more about this product



Your Gateway to Efficient Connectivity

Kvaser DIN Rail SE410S-X10 is a powerful Ethernet to CAN/CAN FD interface with support for Kvaser *t* programs. It has 4 CAN/CAN FD channels, support for I/O via add-on modules and 16GB flash storage. Kvaser DIN Rail SE410S-X10 acts as a master for the add-ons. The housing has a smart mounting clip that attaches to a DIN rail for easy installation. The communication between the I/O modules and the Kvaser DIN Rail SE410S-X10 uses an optical bus, thus there is no need for cables in between. The I/O modules can be controlled either from Kvaser's CANlib SDK (over Ethernet) or directly on the unit using Kvaser *t* programs. The Kvaser DIN Rail SE410S-X10 is compatible with applications that use Kvaser's CANlib SDK.

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

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-01118-2

Ref. No. 98322-9 v. 2.0

KVASER
Advancing connectivity

Kvaser DIN Rail SE410S-X10

Major Features

- Quick and easy installation.
- Multi channel CAN to Ethernet interface.
- Ethernet connection with auto-MDIX using a standard shielded RJ45 socket.
- Galvanically isolated CAN channels.
- Lightweight plastic housing for easy mounting on DIN Rail, no tools needed.
- Can use up to four add-on modules for digital and or analog inputs and outputs, controllable through Kvaser CANlib.
- Supports programs written in the Kvaser *t* programming language, enables e.g. gateway functionality.
- Compatible with all applications written for Kvaser hardware, such as PCIcan and USBcan, using Kvaser CANlib.
- Allows users to save programs written in Kvaser *t* programming language to flash storage.
- Automatically start *t* programs at power on.
- 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).

Support

Documentation, Kvaser CANlib SDK and drivers can be downloaded for free at 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

CAN Bit Rate	50-1000 kbp/s
CAN FD	Yes
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Channels	4
CAN Transceivers	MCP2561FD
Current Consumption	Idle 2.0 W, load 3.2 W
Dimensions	36.3 x 75 x 101 mm incl. strain relief
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
Interfaces	Ethernet
Max Message Rate	20000 msg/s
Operating Systems	Linux, Windows [1]
Temperature Range	+5 to +65 °C
Timestamp Resolution	100 µs
Weight	120 g

[1] Windows 7, 8, 10 (IA-32 and x86-64)
Windows 11 (x86-64)

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Ref. No. 98322-9 v. 2.0