



## KVASER DIN Rail SE410S-X10

EAN: 73-30130-01118-2

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](mailto:support@kvaser.com).

## 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.
- Fully compatible with J1939, CANopen, NMEA 2000 and DeviceNet.
- 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.

## Technical Data

<b>CAN Bit Rate</b>	50 kbit/s to 1 Mbit/s
<b>CAN FD</b>	Yes
<b>CAN FD Bit Rate</b>	Up to 8 Mbit/s
<b>CAN Channels</b>	4
<b>CAN Transceivers</b>	MCP2561FD
<b>Current Consumption</b>	Idle 2.0 W, load 3.2 W
<b>Dimensions</b>	36.3 x 75 x 101 mm
<b>Error Frame Detection</b>	Yes
<b>Error Frame Generation</b>	Yes
<b>Galvanic Isolation</b>	Yes
<b>Max Message Rate</b>	20,000 msg/s
<b>Operating Temperature Range</b>	+5 °C to +65 °C
<b>PC Interface</b>	Ethernet
<b>Timestamp Resolution</b>	100 µs
<b>Weight</b>	120 g
<b>Operating Systems</b>	Windows, Linux

## Software

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