

A close-up photograph of a Kvaser Leaf Light HS v2 M12 connector. The connector is black and cylindrical, with a silver-colored metal ring near the end. It is shown plugged into a matching socket on a device with a black honeycomb texture. The device has "Kvaser Leaf Light HS v2 M12" printed on it, along with "PWR" and "CAN" labels. The background is dark and out of focus.

KVASER LEAF LIGHT HS V2 M12

EAN: 73-30130-00881-6

The The Leaf Light HS v2 M12 is the marine version of Kvaser's popular Leaf Light v2 interface. This device provides a simple way of connecting a PC with the on-board computer of a marine electronics system by means of its standard USB 2.0 connector and a 5-pin National Marine Electronics Association (NMEA) approved CAN connector. The Leaf Light HS v2 M12 is ideal for diagnosing NMEA 2000 bus issues, configuring and flashing NMEA 2000 bus nodes, monitoring NMEA 2000 bus traffic and load conditions and stimulating or emulating NMEA 2000 nodes.

Warranty

2-year warranty. See our General Conditions and Policies for details.

Support

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

Major Features

- ConStandard type “A” USB connector and an NMEA-approved male CAN connector.
- Capable of sending up to 8000 messages per second, each time-stamped with 100 microsecond accuracy.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s./ Galvanic isolation, enhancing protection from power surges or electrical shocks.
- Support for SocketCAN, see [elinux.org](http://linux.org) for details.

Technical Data

Bit Rate	40 - 1000 kbps
CAN Channels	1
CAN FD	No
Casing Material	PC-ABS
Connector	M12 5-pin
Current Consumption	90mA
Dimensions	35 x 165 x 17 mm
Error Frame Detection	Yes
Galvanic Isolation	Yes
Operating Temperature Range	-40 °C to +70 °C
PC Interface	USB
Silent Mode	No
Timestamp Resolution	100 µs
IP Class	IP40

Software

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