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## Your Gateway to Efficient Connectivity

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 CAN connector.

 **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**  
73-30130-00881-6

## Major Features

- Standard USB Type A-connector and a 5-pin 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.
- 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 kbp/s
<b>CAN Channels</b>	1
<b>Casing Material</b>	PA66
<b>Connector</b>	M12 5-pin
<b>Current Consumption</b>	90 mA
<b>Dimensions</b>	35 x 165 x 17 mm
<b>Error Frame Detection</b>	Yes
<b>Galvanic Isolation</b>	Yes
<b>IP Class</b>	IP40
<b>Operating Systems</b>	Linux, Windows <sup>1</sup>
<b>Operating Temperature</b>	-40 to +70 °C
<b>PC Interface</b>	USB
<b>Silent Mode</b>	No
<b>Timestamp Resolution</b>	100 µs
<b>Weight</b>	106 g

<sup>1</sup> Windows 7, 8, 10 (IA-32 and x86-64)  
Windows 11 (x86-64)