# KVASER LEAF LIGHT R V2

EAN 73-30130-00921-9

The Kvaser Leaf Light R v2 is the rugged version of Kvaser's popular Leaf Light v2 interface. This is a single channel CAN bus interface with a lightweight yet highly durable, IP65-rated housing that assures reliable protection against water and dust ingress. Vibration, shock and drop proof, this interface belongs to Kvaser's Rugged range and operates over a temperature range of -40 to +70$^o$C.

With a standard USB2.0 connection and a high-speed CAN channel in a 9-pin D-SUB CAN connector, the Kvaser Leaf Light R v2 handles transmission and reception of standard and extended CAN messages, with a time stamp precision of 100 microseconds. Features include error frame detection and LED indicators for power and CAN channel status.

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## Major Features

- IP65 rated lightweight aluminum housing, sealed with polyurethane coating.

- Capable of sending up to 8000 messages per second, time-stamped with 100 microsecond accuracy.

- Quick and easy plug-and-play installation.

- Supports High Speed CAN (ISO 11898-2) up to 1Mbit/s.

- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.

- Power is taken from the USB bus.

- Detection of error frames.

- LED lights alert user to device status.

- 100% compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.

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

- Operating temperature range from -40 to 70°C.

## Technical Data

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|---|---|
| Bit Rate | 5-1000 kbps |
| Temp Range | -40 - 70 °C |
| Messages Per Second Receive | 8000 mps |
| Messages Per Second Sending | 8000 mps |
| Weight | 148 g |
| Length | 200 mm |
| Height | 20 mm |
| Channels | 1 |
| Certificates | CE, RoHS |
| Interfaces | USB |
| OS | Windows 10, 8, 7 and Vista |
| Connectors | DSUB 9 |
| Buffers | On Board Buffer |
| Galvanic Isolation | Yes |
| Error Frame Generation | No |
| Error Counters Reading | No |
| Silent Mode | No |
| Sound | No |

### WARRANTY
2-Year Warranty. See our General Conditions and Policies for details.

### SUPPORT
Free Technical Support on all products available by contacting support@kvaser.com

### SOFTWARE
Documentation, software 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, and Visual Basic.

All Kvaser CAN interface boards share a common software API. Programs written for one interface type will run without modifications on the other interface types!

J2534 Application Programming Interface available.

RP1210A Application Programming Interface available.

Online documentation in Windows HTML-Help and Adobe Acrobat format.