



## **KVASER LEAF LIGHT RUGGED HS**

EAN 73-30130-00427-6

Kvaser Leaf Light Rugged HS is a one channel USB interface for CAN. While the internal components are the same as the popular Leaf Light S, the rugged IP65-rated housing assures reliable protection from water and dust ingress in harsh environments.

## KVASER LEAF LIGHT RUGGED HS

EAN 73-30130-00427-6

### Major Features

- IP65-rated lightweight aluminum housing.
- Polyurethane cabling for extreme environments.
- Temperature range of -40 °C to +85 °C.
- 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.
- Supports data and remote frames, plus detects error frames.
- Very good EMC performance.
- Fully compatible with all higher layer protocols including J1939 and CANopen.
- Interfaces the CAN bus with a 9-pin D-SUB connector.
- Galvanically isolated CAN bus driver.

### Technical Data

|                             |                            |
|-----------------------------|----------------------------|
| Bit Rate                    | 5-1000 kbps                |
| Temp Range                  | -40 - 85 °C                |
| Messages Per Second Receive | 8000 mps                   |
| Messages Per Second Sending | 8000 mps                   |
| Weight                      | 100 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](mailto:support@kvaser.com)

#### SOFTWARE

Documentation, software 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, 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.