

## Kvaser Leaf Light

**Part No:MPKV-CAN-U2C-LF-LT-HS-1**

**MPKV-CAN-U2C-LF-LT-HS-2**

**MPKV-CAN-U2C-LF-LT-HS-3**



### Application support

AFT MARC I™

ATI CANLab™ Network Analysis

ATI VISION™ Calibration

and Data Acquisition

Ficosa CANica™

Influx Module Analyzer™

Kvaser CanKing™

National Instruments DIAdem™

National Instruments LabView™

Port CANopen Configuration™

PPE PCMSCAN™

TKE CANtrace™

TKE CANopen Configuration™

VAT 2000™

Warwick X-Analyser™

Xtm

### Software Platforms

Windows Vista;

Windows XP/2000/2003;

Windows 98/ME;

Windows CE;

Linux

Kvaser Leaf Light is a one channel USB interface for CAN. It offers the possibility to easily connect several interfaces to a standard PC.

### Major features

- CAN messages are time-stamped with a precision of 100 microseconds.
- Handles up to 8000 messages per second.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Supports data and remote frames.
- Detects error frames.
- Very good EMC performance.
- Equipped with a 110 cm (44 in.) long USB cable and a 30 cm (12 in.) long CAN cable.

- Interfaces the CAN bus with a 9-pin D-SUB connector.
- Optional, galvanically isolated CAN bus driver
- Designed for USB 2.0, backward compliant with USB 1.1.
- Low power-consumption.
- Quick and easy Plug-and-Play installation.
- 100% compatible with applications written for all Kvaser hardware with KVASER's CANlib.
- A practically unlimited number of Kvaser Leafs can be connected via standard USB hubs for simultaneous use on a single PC.

## Software and documentation

- Kvaser CANLIB SDK, which includes everything you need to develop software for the Kvaser CAN boards. Includes full documentation and many program samples, written in C, C++, Delphi, Visual Basic, and C#. All Kvaser CAN interface boards share a common software API. Programs written for one board type will run without modifications on the other board types!
- J2435 Application Programming Interface
- RP1210A Application Programming Interface
- Documentation, software and drivers can be downloaded for free from [www.kvaser.com](http://www.kvaser.com), or they can be purchased on CD if preferred. Updates of the software are regularly posted on the web.
- Kvaser CanKing for Windows, a general-purpose interactive CAN bus monitor/analyzer

## More product information

- Download the Kvaser Leaf Product Comparison Table to compare the three members in the Kvaser Leaf family.
- Here's a table showing the driver support.
- Download the product sheet for Kvaser Leaf Light.
- Download the User's Guide here.

## Product versions

### **MPKV-CAN-U2C-LF-LT-HS-1(00241-8)**

One channel USB-to-bus interface for High-Speed CAN (ISO 11898-2).

Handles a bit rate from 5 kbits/s up to 1 Mbits/s. Interfaces the CAN bus with 9 pin DSUB connectors. Pin assignment according to CiA-DS102

### **MPKV-CAN-U2C-LF-LT-HS-2(00411-5)**

One channel USB-to-bus interface for High-Speed CAN (ISO 11898-2) with galvanically isolated CAN bus drivers. Handles a bit rate from 5 kbits/s up to 1 Mbits/s. Interfaces the CAN bus with 9 pin DSUB connectors. Pin assignment according to CiA-DS102

## **MPKV-CAN-U2C-LF-LT-HS-3(00402-3)**

One channel USB-to-bus interface for High-Speed CAN (ISO 11898-2).

Handles a bit rate from 5 kbits/s up to 1 Mbits/s. Interfaces the CAN bus with OBD2 connector



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