

NMEA 2000

Marine version of CAN interface

Kvaser has announced a marine version of its Leaf Light HS v2 interface. The device connects a PC with the on-board computer of a marine electronics system by means of a USB 2.0 connector and a NMEA-approved CAN connector.



(Photo: Kvaser)

With a USB 2.0 connector at one end and a 5-pin National Marine Electronics Association (NMEA) approved CAN connector at the other, the Kvaser Leaf Light HS v2 M12 provides a simple way to connect a PC to the on-board computer of a marine electronics system. The Leaf Light v2 M12 is suitable for diagnosing [NMEA 2000](#) issues, configuring and flashing NMEA 2000 nodes, monitoring NMEA 2000 traffic and load conditions, and stimulating or emulating NMEA 2000 nodes.

Supporting high speed USB, all Kvaser Leaf Light v2 application-specific interfaces can send up to 8000 messages per second, each time-stamped with 100 microsecond accuracy. Galvanic isolation, previously a more expensive option on Kvaser's original Leaf Light, comes as a usual feature on this series, which includes the Kvaser Leaf Light HS v2 and Kvaser Leaf Light HS v2 J1939-13. The high-speed CAN connection (compliant with ISO 11898-2) manages up to 1 Mbit/s.

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