

Leaf Versions & Specifications

Specs	Light	SemiPro	Pro
Send/Receive Messages Per Second	8,000	15,000	20,000
Timestamp Resolution	100µs	25µs	1µs
Bitrate	40-1000 kbps	5-1000 kbps	40-1000 kbps
Buffers	Auto RX Buffers	On Board	Auto TX, On Board
Galvanic Isolation		Yes	
11-bit CAN 2.0A		Yes	
29-bit CAN 2.0B		Yes	
CAN FD Capable	No	No	Yes
Error Frame Generation	No	Yes	Yes
Error Counters Reading	No	No	Yes
Silent Mode	No	Yes	Yes
Temp Range	-20 - 70 °C	-40 - 85 °C	-40 - 85 °C
Channels		1	
Certificates		CE, RoHS	
Interface		USB	
OS		Win XP-10, Linux	
Supported APIs		CANKing, CANlib, J2534, RP 1210	
Connectors	J1939-13 Type II	DSUB 9	DSUB 9
Material	PA66	Glass Fiber Reinforced PA6	PA66
Sound		No	
Current Consumption	Typical 90mA	Typical 70mA	Max 195mA
Weight	100 g	100 g	120 g
Length	100 mm	100 mm	165 mm
Height	20 mm	20 mm	17 mm
Warranty		2 Years	

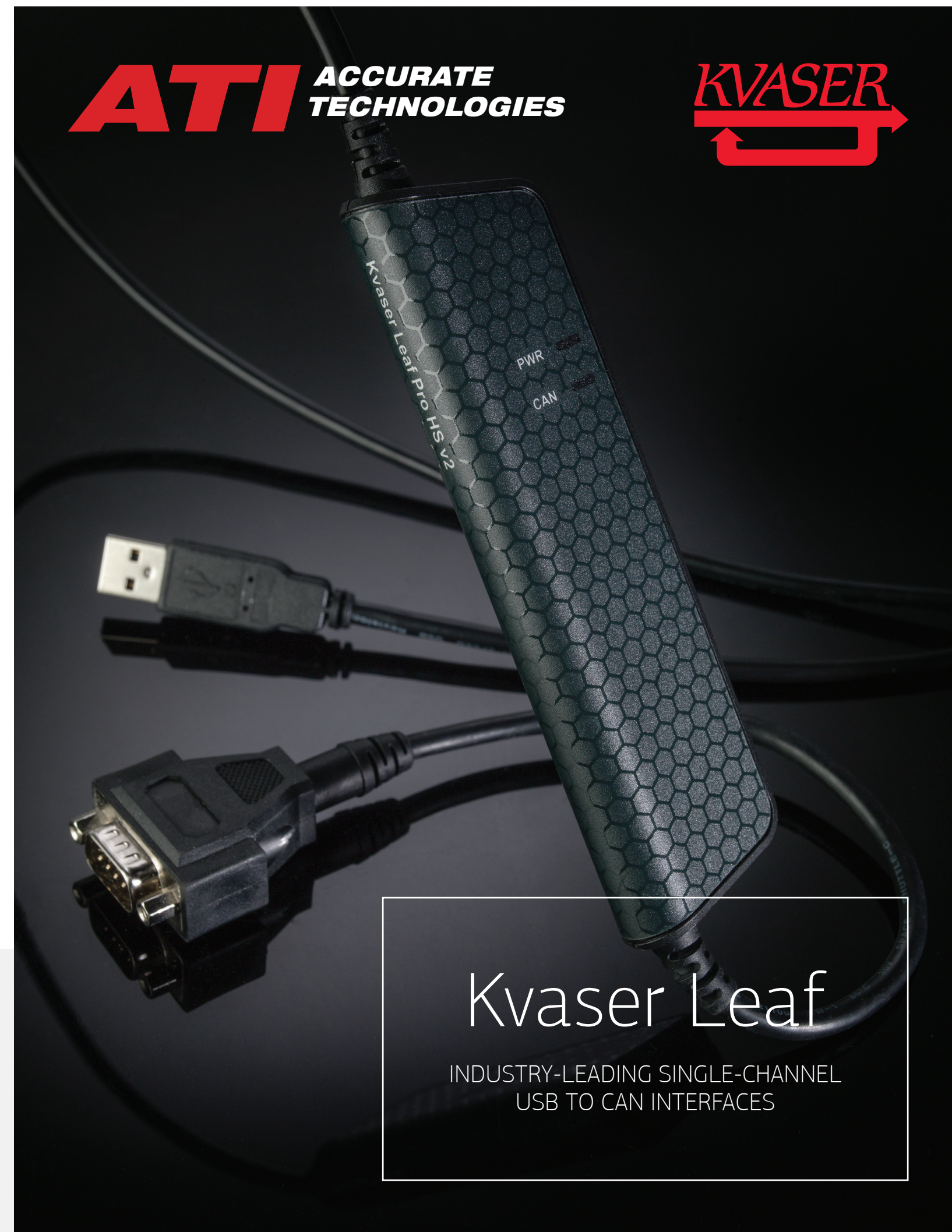
OEM: Create Your Own Custom Leaf

Don't see a Leaf that's exactly right for you? Let us build you one.

Our hardware customization services put Kvaser's 30-years of CAN development experience to work, for you. You'll get best-in-class hardware; built exactly the way you need it.



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Kvaser Leaf

INDUSTRY-LEADING SINGLE-CHANNEL
USB TO CAN INTERFACES

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Industry-Leading Single-Channel USB to CAN Interfaces

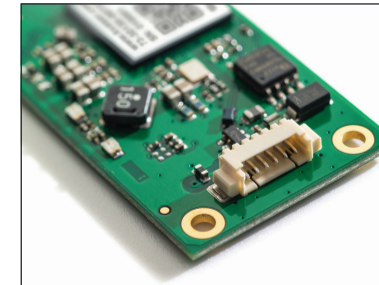
Kvaser Leaf hardware offers one of the industry's easiest and most affordable high-speed USB to CAN interfaces. Every model in our lineup is small, flexible, ergonomically designed and compatible with software & services from over 100 technical partners.

Main Features

- Plug & Play Installation
- 8,000–20,000 Messages Per Second
- 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) Identifiers
- 1-100 Microsecond Timestamps
- Galvanic Isolation
- Fully Compatible with J1939, CANopen, NMEA 2000 and DeviceNet



Special Editions



Leaf CB

- Bare circuit board for custom enclosures and projects.

Product	EAN
Leaf Light HS v2 CB	73-30130-00733-8



Leaf LS

- Low Speed CAN (ISO 11898-3) compatible.

Product	EAN
Leaf SemiPro LS	73-30130-00260-9
Leaf Professional LS	73-30130-00261-6



Leaf SWC

- Single Wire CAN (SAE J2411) compatible.

Product	EAN
Leaf SemiPro SWC	73-30130-00263-0
Leaf Professional SWC	73-30130-00264-7



Leaf LIN

- Local Interconnect Network (LIN) 1.3 and 2.x compatible.

Product	EAN
Leaf Professional LIN	73-30130-00269-2



Leaf Rugged

- IP65 rated lightweight aluminum housing for dust and water protection.
- -40°C – +85°C operating temperatures.

Product	EAN
Leaf Light Rugged HS	73-30130-00427-6
Leaf SemiPro Rugged HS	73-30130-00506-8
Leaf Professional Rugged HS	73-30130-00509-9



Leaf OBDII

- USB to OBDII connector for vehicle to computer connections.

Product	EAN
Leaf Light HS v2 OBDII	73-30130-00732-1
Leaf Professional HS v2 OBDII	73-30130-00849-6



Leaf J1939 - 13 Type II

- SAE J1939 heavy-duty vehicle compatible.

Product	EAN
Leaf Light HS v2 J1939-13 Type II	73-30130-00915-8



Leaf M12

- USB to M12 compatible 5-pin connector for marine applications.

Product	EAN
Leaf Light v2 M12	73-30130-00881-6