



# Your Gateway to Efficient Connectivity

The latest laptops and PCs come with USB-C slots only, so the Kvaser U100-C (01340-7) has been added to Kvaser's U100 range of robust, single-channel CAN/CAN FD to USB interfaces. This interface is based on the standard Kvaser U100 with DB-9 connector, but replaces the standard USB type "A" connector with the smaller USB-C format. As with other devices in the range, this is powered via the USB bus.

Robust, galvanically-reinforced and signal and power isolated, the Kvaser U100 range offers enhanced electrical protection, a vibration, shock and drop-proof housing and highquality cabling that establishes a new reference in CAN interface design.

## **◯** Warranty

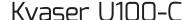
2-Year warranty. See our general conditions and policies for details.

### **♦** Support

Free support for all products by contacting support@kvaser.com

## [II] EAN

73-30130-01340-7





#### **Major Features**

- Supports CAN FD, up to 8 Mbit/s (with correct physical layer implementation).
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Lightweight, glass fibre reinforced polyamide housing, overmolded with TPE.
- USB-C connector.
- Intelligent LED UI.
- Reinforced Galvanic Isolation, 5000VAC rms applied for 60 seconds).
- 20000 msg/s, each timestamped with a resolution of 100  $\mu$ s.
- Support for SocketCAN.
- Fully compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page (www.kvaser.com).

#### Support

Documentation, Kvaser CANlib SDK 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, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.

🔊 Technical Data	
CAN Bit Rate	10-1000 kbp/s
CAN FD	Yes
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Channels	1
CAN Transceivers	11898-2 Compliant
Casing Material	PA/TPE
Certificates	CE, RoHS
Connector	DSUB 9
Current Consumption	Typical 250 mA
Dimensions	38 x 128 x 26 mm for body
Galvanic Isolation	Yes
Interfaces	USB, CAN
IP Rating Housing	IP67
Operating Systems	Linux, Windows <sup>1</sup>
Operating Temperature Range	-40 to +85 °C
Timestamp Resolution	100 μs
Weight	167 g

<sup>&</sup>lt;sup>1</sup> Windows 7, 8, 10 (IA-32 and x86-64) Windows 11 (x86-64)