



KVASER U100-C

EAN: 73-30130-01340-7

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 (Tested according EN 60335) and signal and power isolated, the Kvaser U100 range offers enhanced electrical protection, a vibration, shock and drop-proof housing and high-quality 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 info@gmga.vn

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. (Tested according EN 60335-1:2012 paragraph 13, 5000VAC rms applied for 60 seconds)
- 20000 msg/s, each timestamped with a resolution of 100 μ s.
- Support for SocketCAN.
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet.
- Fully compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.

Technical Data

CAN Bit Rate	10 kbit/s to 1 Mbit/s
CAN FD	Yes
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Channels	1
CAN Transceivers	ADM3055E
Casing Material	PA/TPE
Connector	DSUB 9
Current Consumption	Typical 250 mA
Dimensions	38 x 128 x 26 mm
Galvanic Isolation	Yes, reinforced. Validated with 5000 VAC rms applied for 60 seconds.
IP Rating Housing	IP67
Operating Temperature Range	-40 °C to +85 °C
Timestamp Resolution	100 μ s
Weight	167 g
Operating Systems	Windows, Linux

Software

Documentation, Kvaser CANlib SDK and drivers can be downloaded for free, please contact us!

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