USB2CAN

USB / CAN-BUS INTERFACE

- **USB2CAN interface serves to connect a computer's USB to a CAN-bus.**

Recommended software tool is user friendly QMonitor application. It is used to monitor messages on the CAN-bus and to evaluate its quantities. The application enables online read messages to be continuously saved to a file; the messages can subsequently be analysed in offline mode from this file. Almost 50 predefined CAN-bus messages are taken from SAE J1939 standard (documents 71 and 73) and contain more than one hundred of the most important quantities evaluated in current commercial vehicles (trucks, buses, mobile machinery). A user can modify and extend this basic set of messages and quantities at will. Software is available in Czech and English versions; via free extendable software lngEditor, other language versions can easily be created.

CAN Suite Application Set

The CAN Suite set of powerful and easy-to-use application for professional analysis and monitoring the CAN-bus data layer is offered for an extra cost. More on www.elbas.cz.

Product name	**USB2CAN (product of CANLAB company)**
Application	All CAN-bus applications according to ISO 11898; mainly automotive industry
Certificate	EC type-approval of a type separate technical unit with regard to Directive 72/245/EEC as last amended by 2006/96/EC (electromagnetic compatibility); made by TÜV SÜD Auto CZ EC type-approval mark: e8
Environment	Working temperature range: -30 - +85°C Relative humidity up to 90% IP 42
Housing	Plastic box 100 x 54 x 30 mm with 50 cm cable and USB connector; 9-pin CANON connector on the head of the box for connecting CAN-bus Unique identification number on a label
Power supply	from USB
Indication	Green LED Power on Red LED Bus-OFF Yellow LED Reading / Transmitting CAN-bus messages

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Electrics for more than buses

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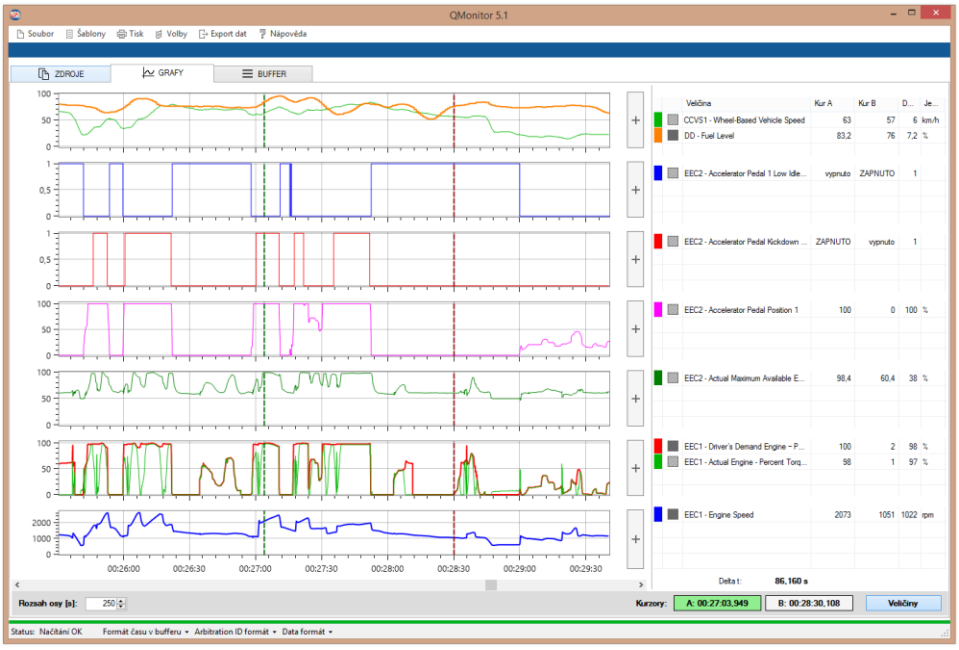
USB	Compatible with 1.1 and 2.0
CAN-bus	Compatible with CAN-bus 2.0 A and B according to ISO 11898: ▪ standard and also extended identifier, ▪ up to 1 Mbps, ▪ maximal data length: 8 byte Activation of a terminating resistor by pin 6 - pin 7 connecting Time stamp generated via: ▪ software (resolution 1 ms) or ▪ hardware (resolution 1 bit of a current transmitting speed) ▪ "Listen only" mode available ▪ Internal communication buffers for tens of messages ▪ Transmitting messages with auto generation with a selected period ▪ Possibility of triple sampling of logic level during each bit receiving ▪ Possibility of auto detection of current CAN-bus transmitting speed Option of synchronising pulses generated while receiving selected messages
Software	Controller FTDI Chip D2XX, created and provided by Future Technology Devices International Ltd. company; for more info and upgrade see www.ftdichip.com/Drivers/D2XX.htm *QMonitor Lite,* CAN Suite , Can Tools
Related products	CAN Suite

QMonitor Lite screen snapshot:



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