



CAN-USBX

Programmable CAN interface for PC



MAIN FEATURES

CAN-USBX is a programmable interface which allows to connect any PC to a CAN bus 2.0B network by means of a USB port.

CAN-USBX is the ideal high-performance and low-cost solution for monitoring and performing low-level diagnostics over CAN networks.

SUPPLY

Standard supply includes:

- CAN-USBX interface
- 2.0 USB cable
- Software (libraries, CAN tools, code samples)
- Complete PDF documentation

SOFTWARE

Furnished software includes:

- Driver and API libraries for using CAN-USBX with application software
- Dump software of the CAN line (VisualBasic source files are included)
- Tool for downloading the firmware in the interface

CAN-USBX is a particularly flexible and efficient programmable CAN interface for PC. Connection is managed by a powerful microcontroller (16-bit, 40-MHz) which is endowed with a broad data buffer.

CAN connection

- Opto-isolated CAN interface
- Supporting 11- and 29-bit CAN frame
- Packet time-stamp hardware acquisition
- 5 wires connector in compliance with CiA DS-102 standard
- Selectable CAN baud rate (50-Kbit/s up to 1-Mbit/s)

PC connection

- Interfacing PCs running Windows (from 98 to Windows 7) to CAN networks
- USB 2.0 interface
- USB cable

Software

- Libraries allow the whole management of the CAN connection (line setting, read/write frames, filters, etc.)
- OLE interface allows immediate integration with the most widespread languages (C, Basic, Delphi, etc.) and high level application software (NI LabView, MS Office, etc.)
- Support of concurrent connection of several applications
- Tool CanDiagno for monitoring and sending messages on CAN line (VisualBasic source files are included)

Optional firmware

The following firmware may be loaded on CAN-USBX interface:

- IEC 61131-3 PLC run-time which allows to execute PLC applications on the interface (LogicLab development environment)
- Embedded stack master CANopen with its relative PC driver for managing industrial CAN networks