MicroControl
Systemhaus für Automatisierung

CAN-Monitor

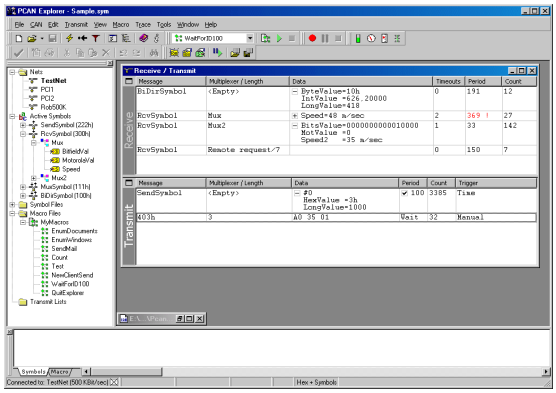
µCAN.explorer

Comprehensive CAN monitor for Windows

The µCAN.explorer is a universal monitor for supervising data traffic within a CAN network.

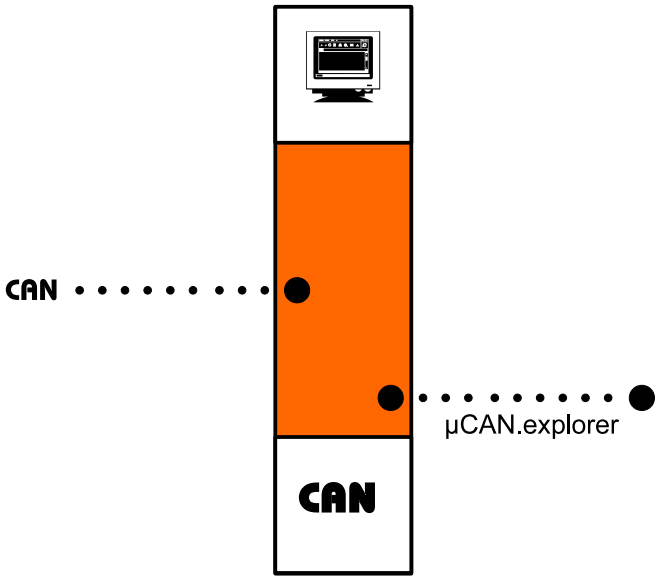
Single messages are assigned individual names (symbols) to facilitate simple and clear classification.

The integrated data logger records the data traffic and saves it onto the bus.



Features

- Display of all received messages indicating ID, length and data bytes
- Display of all received remote-frames as well as their number and receive intervals
- Storing and loading of compiled send lists for emulating different CAN-nodes
- Error indication of CAN buses and controler, incl. error frame counter
- Support of various file formats , incl. float according to IEEE754 and enumerations (Enums) , byte order adjustable to Intel- and Motorola-format.



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Short description	CAN monitor µCAN.explorer
Performance features	Display of all received messages indicating ID, length and data bytes Display of all received remote-frames as well as their number and receive intervals Messages can be stored in a send list to be transmitted at pre-set times either manually or as a response to a remote frame Storing and loading of compiled send lists for emulating different CAN-nodes Error indication of CAN buses and controler, incl. error frame counter Symbolic display of messages through assignment of identifiers Symbolic display of data within the data bytes by marking of bit groups, assignment of identifiers and data type as well as scaling and offset Classified display of received symbols according to message ID, qualifier bytes ((Multiplexer) and variables Support of various file formats , incl. float according to IEEE754 and enumerations (Enums) , byte order adjustable to Intel- and Motorola-format. Configurable integrated data logger Functional keys to be assigned single sending messages or macros Access from macros to all programme elements via the PCAN explorer object unit Easy integration of external tools Integration of add-ins to extend functionality Line recorder (generally included) browser for networks, active symbols, symbol files, macros etc. Logging of time-outs
CAN connection	µCAN.pc.USB
System requirements	min. 256 MB free RAM
Operating systems	Windows Vista / Windows 7 / Windows 8

Order number	Description
20.02.003	µCAN.explorer Universal monitor for supervising data traffic within a CAN-network
20.03.008	µCAN.explorer Plotter Add-In Optional functional add-ins for µCAN explorer The process recorder allows a graphic representation of the CAN data with any number of channels
20.03.006	µCAN.explorer Instruments Panel 3 Add-In Optional functional add-ins for µCAN.explorer The instruments panel add-in allows graphic display of digital and analogue signals by means of different indication instruments.
20.03.007	µCAN.explorer SAE J1939 Add-In Optional functional add-ins for µCAN.explorer The add-in J1939 for the PCAN.explorer 5 supports all definitions which are determined by the parameter groups of the standard and provides easy access to parameter options.
20.03.009	µCAN.explorer CANdb Import Add-in 3 Optional functional add-ins for µCAN.explorer. The CANdb formate is a data description formate for CAN bus information widely used in the automotive industry. CANdb Import facilitates import of CANdb files by rewriting the existing data base into PCAN-explorer symbol format automatically.