

X-Analyser

Protocol Analyzer and Diagnostic Tool for CAN / CANopen / DeviceNet / J1939 Networks

The X-Analyser is a software tool for analyzing CAN, CANopen, DeviceNet, or J1939 networks, used to log network traffic and to display the data in a user-friendly manner. In addition, the X-Analyser is able to generate data traffic and to simulate simple devices.

COMPREHENSIVE SET OF ANALYSIS FUNCTIONS FOR CAN-BASED PROTOCOLS

The X-Analyser offers a comprehensive set of features to analyze and troubleshoot CAN, CANopen, DeviceNet, and J1939 networks. The tool records messages and error frames and displays the data together with a timestamp in microsecond resolution. In addition, the X-Analyser is able to generate data messages based on user-configurable trigger conditions to simulate the behavior of individual devices, e.g. during the commissioning of CAN, CANopen, and DeviceNet networks. The X-Analyser is the ideal companion tool during commissioning and troubleshooting of any CAN-based network.

EASY-TO-USE SOFTWARE INTERFACE

The software interface of the X-Analyser is designed with the all-important ease-of-use aspect in mind. All main features are provided in a single window, making it simpler to use in restricted spaces such as within a vehicle. In addition, a user can easily operate the X-Analyser without a mouse since the tool supports an extensive set of hotkeys.

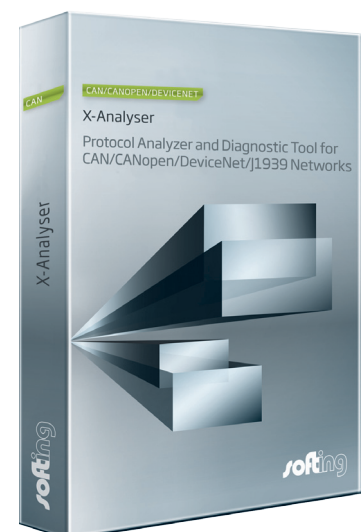
The support of symbolic names for CAN identifiers combined with on-the-fly filter capabilities render the X-Analyser into one of the easiest-to-use analysis tools available. The X-Analyser is an ideal tool for CAN beginners while, at the same time, offering the powerful features needed by CAN experts.

EASY-TO-UNDERSTAND INFORMATION DISPLAY

The X-Analyser offers multiple options to visualize the recorded network data. For example, the tool is able to display the data as a time chart in a signal and linewriter display. Additional visualization options include, displaying the process data with the appropriate engineering units, the network statistics, and layer-7 information for CANopen DeviceNet, and J1939 networks. In short, the software interface of the X-Analyser offers the flexibility needed to support the multitude of CAN-based applications.

CUSTOMER BENEFITS

- > Protocol Analysis for CAN-Based Protocols
- > Easy-to-Use
- > Comprehensive Range of Features



TECHNICAL DATA

Supported CAN IDs	11 Bit IDs, 29 Bit IDs
Supported Transfer Rates	50Kbit/s, 100Kbit/s, 125Kbit/s, 250Kbit/s, 500Kbit/s, 1Mbit/s, Application Specific
Supported Operating Systems	Windows XP, Windows 7 (32-Bit, 64-Bit) (as of August 2011)
Required Interface Cards	<ul style="list-style-type: none">> Softing CANusb USB Interface Card, Single Channel> Softing CANpro PCI Express Interface Card, Single Channel> Softing CANpro PCI Express Interface Card, Dual Channel> Softing CANcard2 PC Card Interface Card, Dual Channel> Softing CAN-AC1-PCI PCI Interface Card, Single Channel> Softing CAN-AC2-PCI PCI Interface Card, Dual Channel> Softing CANpro USB Interface Card, Single Channel

SCOPE OF DELIVERY

X-Analyser Fieldbus Analysis Software	CD-ROM Including Installation Software, Drivers, X-Analyser Manual
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ORDER NUMBERS

X-Analyser	CAN Protocol Analyzer Software X-Analyser, Full Version
X-Analyser-ECO	CAN Protocol Analyzer Software X-Analyser, Economy Version
X-AnalyserOPT/CO	CANopen Interpreter Option for CAN Protocol Analyzer Software X-Analyser
X-AnalyserOPT/DN	DeviceNet Interpreter Option for CAN Protocol Analyzer Software X-Analyser
X-AnalyserOPT/19	J1939 Interpreter Option for CAN Protocol Analyzer Software X-Analyser

ADDITIONAL PRODUCTS AND SERVICES

TRA-CAN-TS	Training „CAN - Troubleshooting“
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Softing Industrial Automation is a world leading provider of industrial communication products and technologies for manufacturing and process automation. Our products are tailored to the requirements of system integrators, device vendors, machine and equipment manufacturers or end users and are known for their ease of use and functional advantages.

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