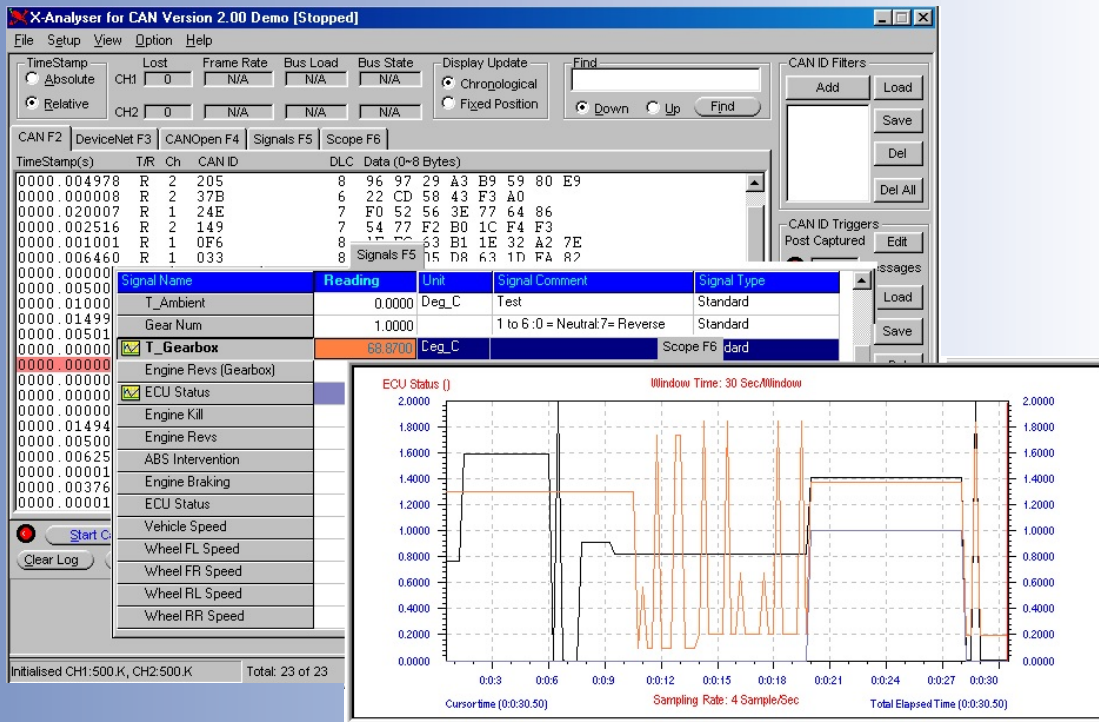


# X-Analyser

Data acquisition and Analysis tool for **CAN and LIN**

X-Analyserは、CAN/LIN対応デバイス・アプリケーションのためのWindows 32-bitベースのアナライザツールです。CAN/LINユーザのためのパワフル、低価格で使いやすい理想的なツールとして、オートモーティブ、オートメーションシステムに最適です。多種多様なHWインターフェイスに対応しているため、マルチプルネットワークでもご使用できます。



CANデータの送受信

各種データ、信号の認識  
(モータトルク、エンジンスピードなど)

上位プロトコル対応  
(DeviceNet, CANopen, SAE J1939, ユーザ定義)

Local Interconnect Network(LIN)オプション

PCインターフェイス--Softing, Kvaser, Vector (PCMCIA他)

Ethernetを介してリモートモニタリング

# テクニカルデータ

Package	Features	Comment
Basic	Configurable Logging Buffer	- Adjust size for optimal performance (22 to 1,000,000 CAN messages)
	General Transmitter	- Transmit multiple CAN messages periodically, keyboard triggered, or on specific received CAN Identifier. - Minimum 1 ms <b>[Note 1]</b> , Maximum 65535 ms
	10 Individual Key Transmission	- Transmit single CAN message periodically as well as manual triggering - 1 ms resolution <b>[Note 1]</b> , Maximum 65535 ms
	Save file	- In TEXT format - In CSV format (raw CAN messages only) - In Transmission file format. This can be consumed by the X-Analyzer's General Transmitter to replay data back onto the CAN bus. - In CPR format (Capture File), which allows the user to reload captured data back into X-Analyzer.
	Error Frame generation	- Single-short (1 ms) disturbance on the bus according to ISO 11898.
	Error Frame display	- Hide or show error frame from the display screen. The error counter is unaffected.
	Message lost display	- Counts CAN messages lost so that PC performance can be optimised
	Message Rate counter	- Display the rate of messages in term of number per second
	Bus load counter	- Display the bus load in term of percentage
	Timestamp	- Resolution of 12.8 us (absolute or relative display)
	Find text	- Find the corresponding text on the capturing window
	CAN Message display	- Toggle between chronological/fixed-position display on the fly
	CAN message filtering	- Using the CAN low level mask/match register - Using the CAN high level ID filter
	CAN message post-stop triggering	- Stop the capturing process upon the receipt of a user-specified CAN Identifier - Generate alert-sound (configurable *.wav format) upon stop triggering - Delayed stop <ul style="list-style-type: none"> <li>o Specify number of messages to be captured after the trigger is captured</li> <li>o Specifies the time (in sec) after the triggering message is captured</li> </ul>
	Supported Format	- CAN 2.0B (Standard and Extended CAN)
	Monitor/Active mode	- Monitor mode allows bus monitoring without interfering bus activity (no CAN acknowledgement insertion) - Active mode allows participating of the CAN activity.
	Easy configured CAN parameters	- Graphic Interactive parameter configuration. - Advanced (low level) configuration is also supported
	CAN ID Tagging	- Each CAN ID can be assigned a tag - Tag can be toggled ON/OFF on the fly
Signals (Included in the Basic package)	Industry standard file format support	- Allows CAN data bases describing physical quantities (e.g. engine speed, coolant temperature etc.) to be shared between suppliers and manufacturers.
	Instance editing	- CAN signal's formats can be edited on the fly.
	Sampling rate resolution	- Minimum 10 milliseconds - Maximum 10 seconds
Scope (Included in the Basic package)	Sampling rate resolution	- Same as Signals Sampling rate
	Graph Window Time	- Minimum 1 second, Maximum 120 seconds
	Number of entries	- Multiple. The entries are superimposed on each other.
	Data Source	- CAN Signal files. The graph is a graphic representation of the CAN signals.
	Show/Hide graph line	- Allow user to view a particular signal whilst not disturbing other signals.
	Output to printer	- Printing as single page (landscape orientation)
DeviceNet (Option)	Instance translation	- Translation is done on the fly.
	Message Builder	- DeviceNet oriented CAN message building
CANopen (Option)	Instance translation	- Translation is done on the fly.
	Message Builder	- CANopen oriented CAN message building
SAE J1939 (Option)	Instance translation	- Translation is done on the fly.

Note 1: 正確な数値は、使用されるビットレートと転送レートにより変わります。より正確な数値は、Windows NT/2000プラットフォームで得ることが可能です。

Basic パッケージには、上記のBasic、Signals、Scope機能が含まれます。DeviceNet / CANopen / SAE J1939は、オプションとして別途ご購入が必要です。

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