DiaLog
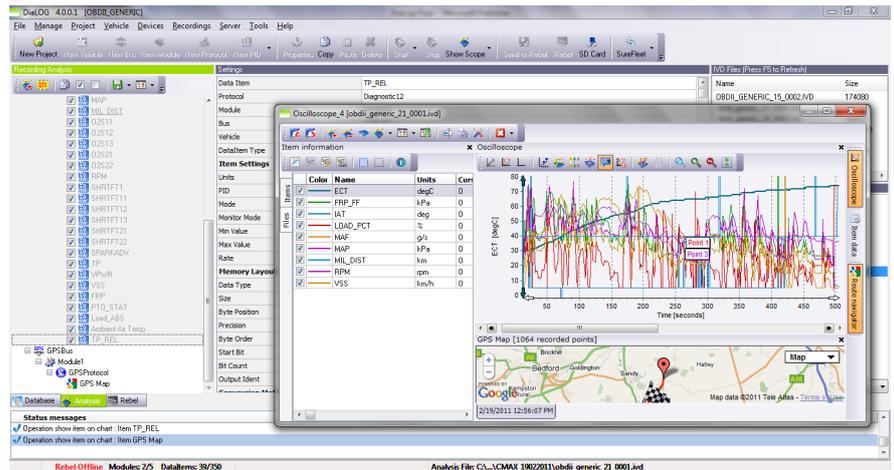
DiaLog is Influx Technology's data logging configuration tool.

Create complex configurations quickly and simply without any scripting.

Analyse recorded and live data in detail using the powerful oscilloscope tool.

- Construct complex data logging configurations using an intuitive graphical interface.
- Collect data using ISO 14229 and 15765 Diagnostic Protocols, CCP/xCP and directly from a CAN bus.
- Efficient database system allows simple administration of configurations and data.
- USB, GPRS and Bluetooth connectivity to Rebel data logger.
- Reconfigure and retrieve data by direct and remote connections.
- Live connection allows real time review of data while recording.

- A2L, ODX/MDX/GDX, DBC, MAT and CSV file support.
- Complex triggers with up to 30 conditions and 30 actions.
- User configurable message constructor.
- Conversion tables and formulae provide automatic scaling or conversion to engineering units.
- Configurable output signals.
- Powerful data analysis boasting aut0-scaling, XY plotting, dual cursors etc.
- GPS data plotting.
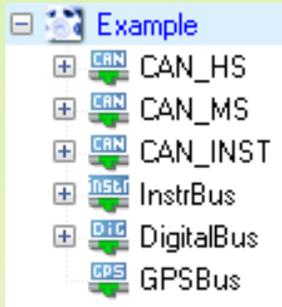- Batch export and merging of data files.

Supported standards:

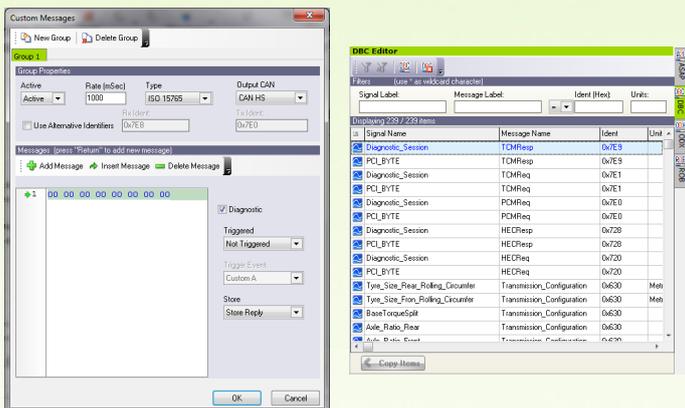|			
A2l	ISO14229	MAT	J1850
DBC	ISO15765	CSV	ISO9141
ODX/MDX/GDX	FAT32		

Data logging connections

- 3 x CAN buses—CAN HS (40 channels), CAN MS (20 channels) and CAN INST (20 channels.)
- 4 x Digital Inputs.
- Instrumentation—7 x K-type thermocouple inputs and 8 x analogue inputs. (H Box)

Other features

- Customisable user messages.
- File export to MAT, MDF and CSV file formats.
- Organisable projects for vehicle structures.
- Multiple data file merging.
- Description file import—A2L, DBC, ODX/MDX/GDX and ROB.
- Intuitive graphical interface and detailed support documentation.

Flexibility and configuration

- Graphical interface for rapid configuration of any tasks.
- Switch between data logging tasks with simple configuration swaps.
- Configure via USB, SD Card or remote communication.
- Import and export configuration files for transfer between software installations.
- Copy and paste configuration components for convenient structure creation.

Remote communication

- GPRS/Edge technology.
- Bluetooth connectivity.
- GPS capability.
- SureFleet—fleet management via GPRS and Bluetooth with data and GPS collection.

Data acquisition and analysis

- Data retrieval via USB and remote communication.
- Data file retrieval while data logging.
- Live Data review while data logging, via USB and remote communication.
- Fully featured oscilloscope, including group scaling, twin cursors and multiple overlay plotting.
- Display and export recorded data item points.
- GPS data plotting overlay on map.
- Save and recall oscilloscope data item templates.