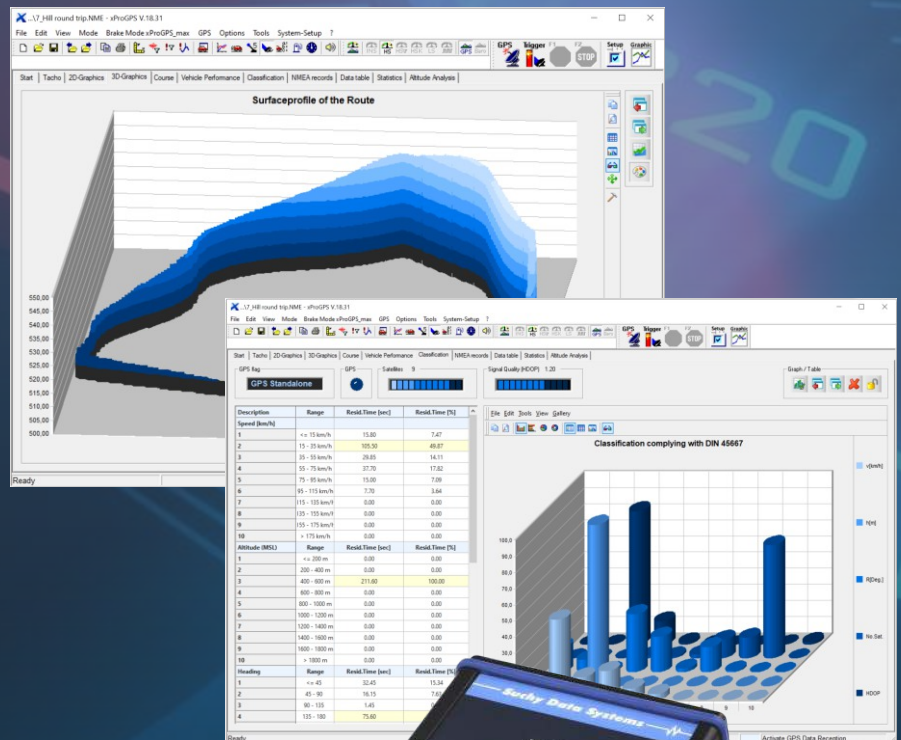


xproLog

Micro-Sized GPS and CAN Logger



CAN-FD, GPS 25Hz, Altimeter, Inertial Sensor, Trigger, Analog-In

clever Testing with **xpro**®

xproLog - micro-sized Datalogger

CAN, GPS, IMU, Altitude, 4 Channel Analog - expandable

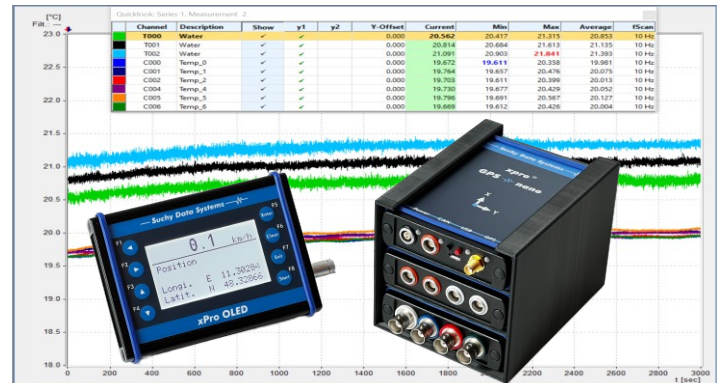
most compact Datalogger - multi-functional and expandable

Despite its small size, **xproLog** is a fully-fledged and comprehensive logging system collecting data from a CAN bus or from internal sensors such as the 25 Hz GPS, the inertial sensor, and the built-in altitude sensor.

xproLog is the ideal tool for numerous test applications where quick installation, easy handling and compact size are important.

xproLog stores data on an SD card with up to 32 GB — enough even for the most extensive test tasks.

To perfectly organize and structure huge data volumes of long-term tests a new file is created for each day.



xpro Log also as a compact RackSystem

The available plug-in rack makes **xproLog** even more versatile!

All system components can be elegantly and securely housed in a compact rack.

You will be surprised by the overall size: it is only 12x9x9cm for 3 plug-in modules!

The expansion modules were developed specifically for motorcycles/two-wheelers, but are equally suitable for all other applications.

A complete system can be conveniently stored in the pockets of a motorcycle or in the storage compartments of a car.

The rack concept significantly reduces installation times, as essential connections can already be pre-installed. This eliminates the need for subsequent cabling in the vehicle.

typical Applications using xproLog

- Measurements for driving dynamics
- Quick-look tests for data from CAN and GPS
- Long-term measurements in endurance tests
- Tachograph function
- Measurement of temperatures/voltages
- Recording of general CAN sources
- Sampling of 4 analog channels via internal add-on
- ... and much more

increase Range of Features by internal Modules

Quite sensational for a system of this size:

xproLog can be upgraded within minutes — simply by inserting one of the available expansion modules

- 4 analog inputs 24-bit resolution +/-20V range
- Second independent CAN bus
- High-quality inertial sensor with low drift and noise

Special modules for your application available on request

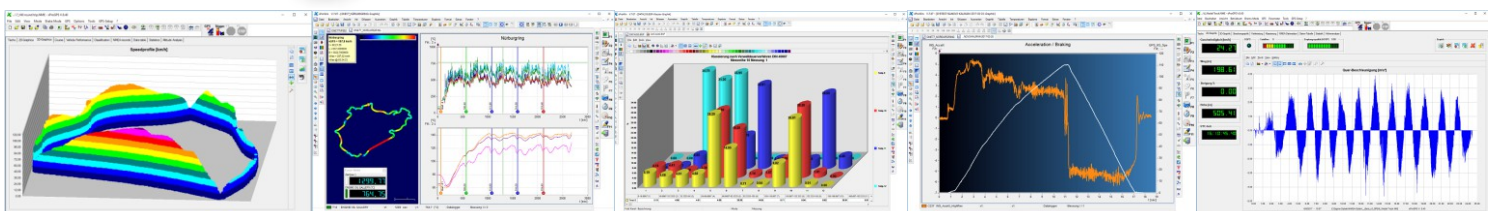


Easy System expansion with Splitter Boxes

Additional splitter boxes simplify direct access to CAN bus or analog signals.

The "CAN" splitter box offers a CAN hub with several different sockets - standard DSUB9, xpro-compatible Lemo socket plus an additional Lemo socket to connect a **xproLCD128** display unit.

The "Analog" splitter box has 4 standard BNC sockets for incoming analog signals. A version with 5-pin Lemo sockets is also available, with similar Pin-Out as the Signal Conditioning Modules xProAnalog8.



clever Testing with xpro® Automotive Systems

xproLog - micro-sized Datalogger

CAN, GPS, IMU, Altitude, 4 Channel Analog - expandable

CAN Bus Communication

The CAN bus interface of **xproLog** supports CAN 2.0B with a rate of 500 kbit/s as standard. Others available on request.

CAN-FD is already prepared on the hardware side. Parameters and specific settings need to be defined by the customer.

Up to 500 CAN channels can be sampled at up to 100 Hz, plus data from GPS and internal sensors.

To optimize storage space, 4 different sampling rates are supported. This allows even extremely long and complex sessions to be recorded.

comprehensive Software Package

xproLog is supported by a comprehensive software package that runs on Microsoft Windows.

The xproWin software tool enables both the initialization of measurement tasks and their evaluation with various graphics, tables, etc.

Data from **xproLog** can be exported in CSV format for communication with other tools.

xproWin is supplemented by a map tool for displaying the routes traveled. This tool is based on Open Street Map. Alternatively, NMEA data can be exported to Google Earth (KML format).

Firmware updates can be easily installed via USB.

Driver Display as Add-On

The **xproLCD128** is also available as a perfectly matching driver display.

This device features a display with transfective technology, allowing it to be used perfectly even in bright sunlight.

Want to use the display at night or in tunnels? No problem—backlighting is included as standard.

With 8 function keys, you have full control over **xproLog**

Change various settings / Select a measurement file / Start or stop a test run



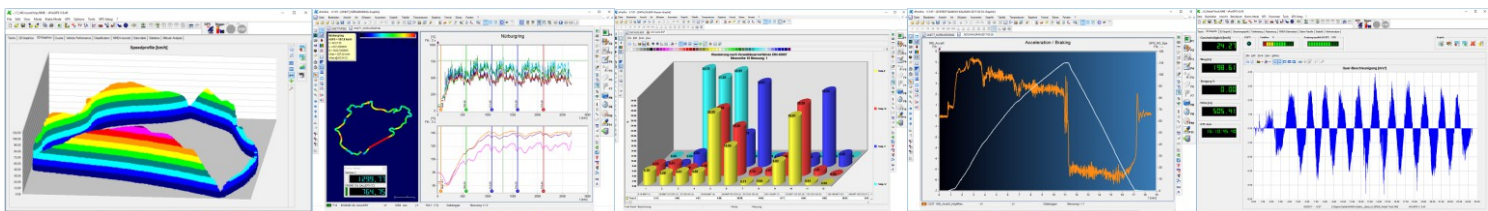
Variable Trigger Conditions

xproLog has various trigger settings:

- Manual start via button on the front panel
- Auto start when switching on
- Trigger event on active measurement channel
- Trigger via signal on the trigger input
- Programmable post-trigger

Technical Data

- Power supply 9 ... 32 VDC @ approx. 150mA
- Temperature range -40 ... +80°C
- Weight **xproLog** approx. 250 g
- Weight rack with 3 slots approx. 830 g
- Dimensions 120 x 83 x 23
- Dimensions rack 120 x 90 x 87 mm



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