

I-LOG Data System

The I-LOG data acquisition system has been developed to provide a customised solution for users of nearly all sectors.

Offering a Basic version, a version with integrated GPS, and a high performance system for data acquisition and evaluation, it is suitable for testing applications for all kinds of vehicles.



When connected to a notebook or tablet PC, the I-LOG system offers various possibilities for online vehicle testing.

The design of the I-LOG is adapted to the newest generation of sensors and ensures a solid and stable connection of the electrical unit to the system. Its compact size makes installation quick and simple.

Features

- High performance data acquisition and evaluation system for mobile vehicle testing
- Data acquisition for various signals (CAN, analogue, digital, counter, GPS)
- User-friendly high performance software for data acquisition and evaluation
- Compact size for easy installation

Application

The I-LOG system has inputs for connecting various sensors: Speed, pressure, flow, force, steering angle, distance and many more.

The compatible design of the device is suitable for mobile vehicle testing applications such as

- brake tests
- acceleration tests
- coast down tests
- fuel consumption tests
- speed tests

In conjunction with our software, even complex measuring cycles can be recorded, evaluated and analysed. The I-LOG system is expandable with various modules, such as temperature or strain gauge modules, among others.

Technical data

Analogue channels:	8, 16bit ADC, ± 10 V
Counter channels:	4, 16bit, 10 Hz - 50 kHz
CAN nodes:	2, DBC, 1 M Baud, 15 ch
GPS:	4 Hz, built-in accelerom.
Digital inputs:	4 switches
Max. sampling rate:	1 kHz / channel
Storage:	USB connection
Temperatures	
· operating:	-20 °C - +50 °C
· storage:	-20 °C - +50 °C
Power supply:	9 - 36 VDC

Scope of delivery

- I-LOG
- Connection cable
- Power supply cable