

ERGONEERS
FROM SCIENCE TO INNOVATION



VEHICLE TESTING KIT

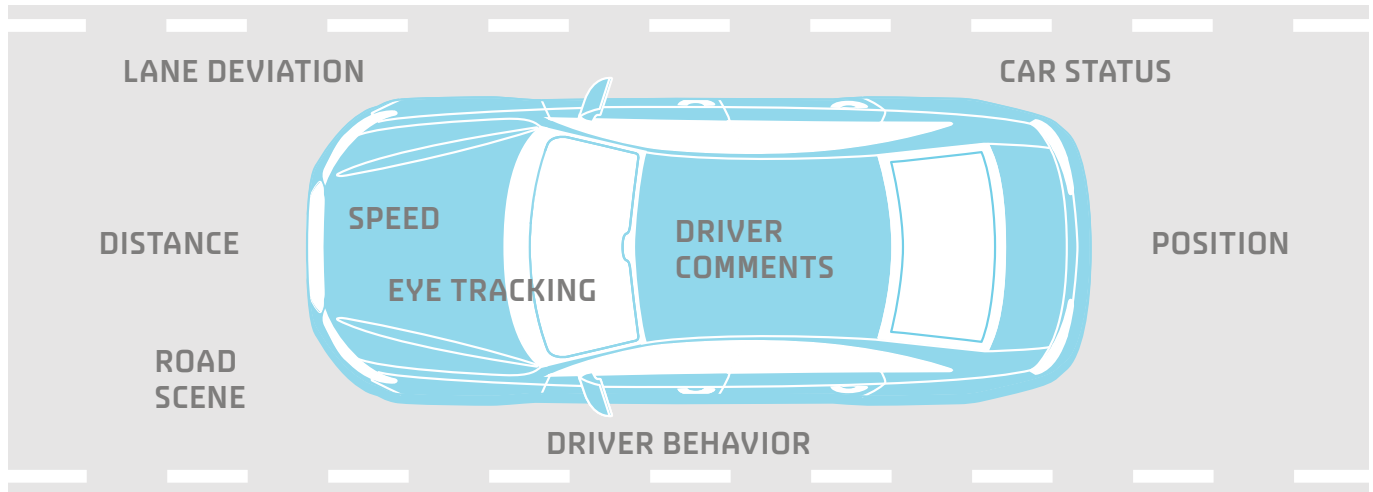
HARDWARE SET

// The Vehicle Testing Kit is a high end solution to support studies outside the laboratory in the real world and benchmarks in cars and other vehicles.



UNDERSTAND DRIVER BEHAVIOR AND DRIVER PERFORMANCE IN THE REAL WORLD

The Vehicle Testing Kit is a powerful solution for testing and benchmarking vehicles and running naturalistic driving studies. It consists of an all in one box Automotive Computer which is powered with D-LAB and its measurement and analysis modules. It is made to be used in standard vehicles and offers several connectivity options to analyse and benchmark a car together with human behaviour. A comprehensive kit for any organization which wants to test specific features of cars or run naturalistic driving studies (NDS) by using a standardized setup which is ready in just a few minutes.



ALL IN ONE BOX COMPONENTS

AUTOMOTIVE COMPUTER

- Powerful Automotive (Industry) Computer with 12V power supply
- Uninterruptible Power Supply (UPS)
- Fixed with the ISOFIX mounting (backseat or trunk)

EXPERIMENTER PLACE

- Control Display attached to the head rest of front seat or on the Vehicle Testing Kit
- Keyboard with Touchpad

SENSORS / INPUTS

- Mobileye® Camera (e.g. lane position, distance vehicle ahead, traffic signs, indicators)
- GPS antenna
- Up to 4 observation cameras
- 2 Microphones
- Dikablis Eye Tracking Glasses Professional Cable
- CAN Bus of the car
- TCP/IP data stream
- Experimenter inputs (interval/event triggers, write comments)
- SensorConnect App

D-LAB LICENSES

- D-LAB Audio
- D-LAB CAN Bus
- D-LAB Connect
- D-LAB Eye Tracking Head Mounted
- D-LAB Video

