

ERGONEERS
FROM SCIENCE TO INNOVATION

VEHICLE TESTING KIT

FOR REAL WORLD DRIVING STUDIES

- All-in-one solution with all necessary components
- Simple and quick integration and removal
- Acquisition of common driver behavioral data
- Recording of driver performance data
- Synchronously measures and analyses all values



1.2 sec

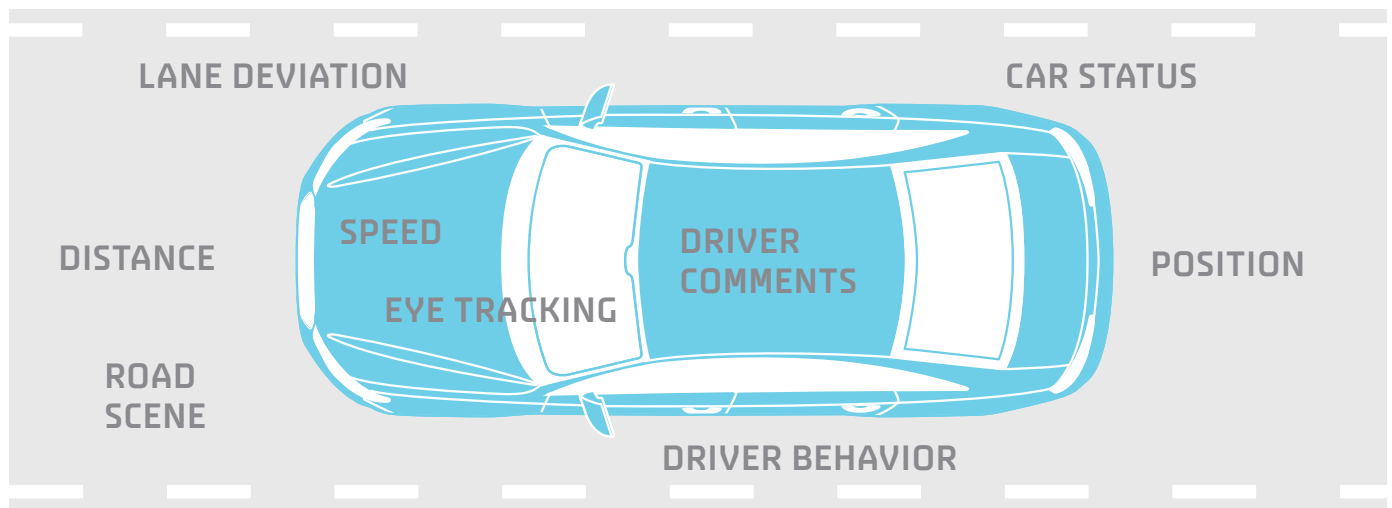
50 mph

85 ft

UNDERSTAND DRIVER BEHAVIOR AND DRIVER PERFORMANCE IN THE REAL WORLD

The Ergoneers Vehicle 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-Lab3 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 wants to run naturalistic driving studies (NDS) and 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
- Keyboard with Touchpad

SENSORS / INPUTS

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

D-LAB3 LICENSES

- D-Lab3 Eye-Tracking Head-Mounted Professional
- D-Lab3 DataStream Professional
- D-Lab3 CAN Bus Professional
- D-Lab3 Video Essential
- D-Lab3 Audio Essential



REFERENCE CUSTOMERS

