



D-LAB

CAN BUS

// If you want to run a study in a real car or calculate your own driving performance metrics D-Lab CAN Bus is what you are looking for. Simply connect the cars CAN Bus to D-Lab and the data will be recorded within D-Lab. All data on the CAN Bus can be recorded synchronously with other input channels like an eye tracker or physio devices.

D-LAB CAN BUS

D-Lab data acquisition platform for behavioral research provides you with efficient and reliable support through all phases of your ergonomic and usability studies. It helps to plan your studies, record data from various channels and generate the final results via automated analysis. D-Lab can cope with different frequencies for each of the data channels, works across multiple subjects and records all input data synchronously. With its modular structure it can be used for just one sensor type – such as D-Lab CAN Bus – or in combination with many other input channels like eye tracking or video.

CAN BUS

Multiple CAN Bus inputs supported (up to two)

PLAN

Definition of Tasks

Group subjects in different categories

Live data visualizations: line, point & step charts, peak chart, gauges, state diagram etc.

Multi data charts (of the same subject)

Real time access to all available data

MEASURE

Live data visualizations: line, point & step charts, peak chart, gauges, state diagram etc.

Multi data charts (of the same subject)

Real time access to all recorded data (via TCP/IP interface)

Real time comments

Real time task triggering

ANALYSE

Calculation of different statistical metrics

Export of CAN statistics

Export of all recorded and computed CAN values

Multi data charts (of the same subject)

Task based analysis

Task based data export

Time Line visualisation of triggered tasks and events

Visualizations for numerical data: line, point & step charts, peak chart, gauges, state diagram etc.

Multi subject charts

Definition and calculation of user defined metrics based on all available data (scripting language)

SUPPORTED INPUTS

Mobileye 560 Camera Kit (open protocol)

Peak CAN card
