ERGONEERS
FROM SCIENCE TO INNOVATION

D-LAB

EYE TRACKING
REMOTE

// Use a Remote Eye Tracker with D-Lab Eye Tracking
Remote to measure and analyze subjects´ gaze
behavior. Find out where they are looking at and
what catches their attention. Simply connect your
Remote Eye-Tracker to D-Lab and you´ll get power-
ful metrics and meaningful visualizations right
away to perfectly understand what drives your
subjects gaze behavior.

D-LAB EYE TRACKING REMOTE

D-Lab data aquisition 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 Eye Tracking Remote – or in combination with many other input channels like video or data stream.

Multiple remote trackers can be recorded simultaneously

PLAN

Automated calibration

Definition of Tasks

Experiment design with intructions and image stimuli

Group subjects in different categories

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

Experiment design with video, web, PDF stimuli

MEASURE

Gaze mapping on monitor

Gaze mapping on external camera

Live view of gaze behavior

Live view of gaze coordinates

Real time comments

Real time task triggering

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

Real time marker detection

Real time access to gaze data in world coordinates (marker based)

Real time visualization of glances on AOIs

Real time calculation of user defined eye tracking metrics

ANALYSE

Calculation of glance based metrics and statistics according to ISO standard

Definition of manual and static AOIs

Export of eye tracking statistics

Export of gaze video (with gaze cross, with or without blending of the eye)

Export of pupil data (coordinates, geometry, fixations, saccades) for both eyes

Export of AOI glances and scene coordinates

Heat map, gaze path, bee swarm, shadow map, for single and multi subjects

Multi data charts (of the same subject)

Playback of gaze video (on monitor and/or external video)

Saccades and fixations based measures

Screenshot and video cast of all visualisations

Task based analysis and data export

Time line visualisation of AOI glances

Time Line visualisation of saccades and fixations

Time Line visualisation of triggered tasks and events

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

Automated calculation of AOI glances using markers

Definition of marker bounded AOIs

Export of fixation point real world coordinates (marker based)

Multi subject charts

SUPPORTED REMOTE TRACKERS

Please see FAQ for compatibility