Prophea^{eye}

Factsheet[1.0] Prophea[eye]

Features & Availablities

Prophea.X®

Expanding the spheres of behavioral research

Prophea[eye] is a state of the art analyzing software for mobile eye tracking studies.

The module works with **Dikablis.X** eye tracking glasses as well as **Tobii Pro Glasses 3**.

Prophea[eye] **can perform standalone or further empowered by another Prophea.X analysing module or the Prophea**[data engine to] .

Prophea[eye] is delivered including Prophea[data engine lite] for synchronous recording of two sensors. This enables you to combine your eye tracking data with another sensor input.

Prophea[data engine] maximizes the flexibility for multimodal and multi subject studies.

Connect with us for your individual consultation!

Prophea^{eye}

General Features

Can be used standalone
Can be combined with Prophea analyzing modules
Can be combined with Prophea ^{data engine}
Group subjects in different categories
Replay function of recorded Videos
Replay function of recorded audio-files
Replay function of recorded numeric data in time based-diagrams
Replay function of gaze-videos
Replay of visualization of pupil detection on eye video (available with Dikablis Glasses X)
Multiple charts
Customizable workspace
Multiple screen capability
Offline comment function
Offline task triggering
Prophea^{Smart player} visualizes dependencies between different sensor data streams
Stimuli function (upload pictures or video files for stimuli triggered analysis)
Free configurable diagrams (x and y-axes)
Report function with .pdf or .ppt export (diagrams, visualization like heatmaps, comments) *

*available Q1 2025

Analyzing functionalities

Manual coding and calculation of glances towards AOI[1] on movies
Automated Calculation of glances towards AOI on movies with markers
Validation and improvement of pupil detection quality (**Dikablis.X** Glasses only)
Calculation of gaze metrics towards areas of interest according to ISO 15007
Gaze visualizations on videos (Heatmaps, Gaze path, etc.)
Manual gaze mapping from video on pictures
Automated gaze mapping from video on pictures with markers
Mapping of Gaze visualizations from videos on pictures (Heatmaps, Gaze path, etc.)
Online streaming of gazes towards AOIs

[1] Areas of Interest

Data Output/ Export

Export of all recorded raw data in standard formats like .csv
Export of Gaze videos
Export functionalities depending on tasks or subjects