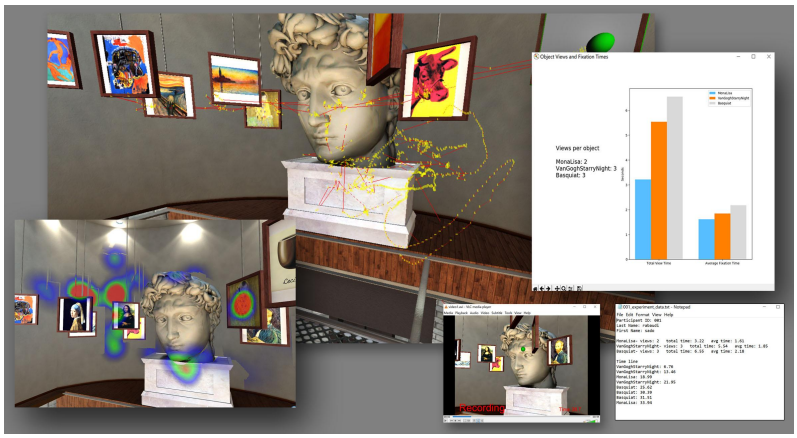
SightLab VR Pro



SightLab VR Pro is a simple yet powerful tool for setting up eye tracking experiments in VR with support for all the major PC based VR eye tracking devices including the Vive Pro Eye, HP Omnicept, Pupil Labs, StarVR One and Tobii VR. SightLab VR Pro is an add-on to Vizard and requires an active Vizard Development or Enterprise license, sold separately.

Supports both single and multiple participants

SightLab VR Pro Features

MODIFIABLE EYE-TRACKING EXPERIMENT

Comprehensive eye tracking example available for accomplishing common eye tracking tasks with the following modifiable features:

- Utilize a GUI or code based interface for setting up an eye tracking experiment, or add to an existing Vizard script
- Add environments, target objects and fixation regions of your choosing
- Add 360 video or images (mono or stereoscopic)
- Adjust fixation time
- Enter participant data

- Record and replay VR sessions with advanced analytics overlays
  - 3D Gaze Path visualization
  - Fixation Spheres
  - Gaze Ray and intersect points
  - Fixations
  - Pupil Diameter
- Collect eye tracking data and write to a .txt or .csv file with the following parameters
  - Timestamp
  - Pupil intersect x,y,z position
  - Pupil Diameter
  - Eye Openness
  - Fixations
  - Custom Flags
- Write stats to file including
  - Views per object
  - Total view time per object
  - Average view time per object
  - Object timeline
- Calibrate user with 5 to 9 point calibration
- Toggle a gaze intersection point
- Display fixations in real time along with a timestamp
- Record video of experiment for later review
- Add custom flags to synchronize with events in the simulation
- Add custom events to a fixation for gaze based interactions
- Modify hardware setup to allow for various tracking devices and inputs
- Choose from various avatars (male or female)
- Add additional example code to easily connect to physio data analysis with Biopac Acqknowledge, add user feedback collection/instructions, pupil diameter baseline, record audio, and much more!

Multi-User Edition

Supports up to 5 users. Access all of the features of SightLab VR Pro with multiple users (note: does not support heatmaps and session replay).

HEATMAP

Record gaze point data, generate a heatmap, and display a saved heatmap.

ADDITIONAL SUPPORT

Access to eyetracking related support on the WorldViz email ticketing system (up to 3 hours of engineering time per support case, max. 12 hours per contract per year)* Note: Includes 1 year of support as described above. Additional years can be purchased separately. This support does not cover Vizard license