Tobii Pro eye tracker integration

The integration with Tobii Pro eye tracker devices lets you collect and visualize eye tracker data in Qualisys Track Manager (QTM). The data is visualized as a gaze vector with a maneuverable vector trace. If used together with video from a Qualisys video camera, 3D overlay is also possible.

Tobii Pro is the leading provider of eye tracking research solutions and services designed to deepen the understanding of human behavior. Through eye tracking insights, professionals are able to drive change and further their research.

Naturally, Tobii Pro eye tracker data can be plotted just like any other data type in QTM. Besides visualization, gaze vector data can be exported to TSV, MATLAB or be gathered externally using the real-time streaming protocol. Tobii Pro also has hardware sync which means that the integration starts the glasses and cameras at the same time.

FEATURES

- 2D and 3D data in QTM
- Gaze vector with vector trace
- 3D video overlay
- Real-time output
- Hardware synchronized start

BENEFITS

- Combine eye & body movements
- Understand human interaction
- Improve performance
CONNECT GAZE AND MOTION
Tobii Pro Eye Tracking Glasses allow researchers, clinicians and other professionals to assess interaction of eye and body movements in the fields of behavioral neuroscience, biomechanics, clinical rehabilitation research, sports training and many others.

Behavioral psychologists, neuroscientists and biomechanists can assess hand-eye coordination – how it is learned, how it is optimized, how it is affected by disease, aging or injury, and how it can be utilized as a rehabilitation tool.

Clinical researchers can use the information to advance behavioral and neurological diagnosis and rehabilitation.

Sports scientists can make complex estimations of athletes’ kinetics, kinematics and overall performance as they interact with players and objects on the field. Using eye tracking devices, coaches can give visual feedback on gaze and motion patterns to help athletes improve their

TOBII PRO 2
Out of the lab into reality, wearable eye trackers are designed to capture natural viewing behavior in any real-world environment while ensuring outstanding eye tracking power and accuracy.