

# Indzawo Optic Connect

## Eye Mapping Module



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Perform screen-based eye tracking on images, videos, websites, games, software interfaces, 3D environments, mobile phones and more to provide deeper insights into eye movements and visual ...



human eye, in humans, specialized sense organ capable of receiving visual images, which are then carried to the brain.



In this work, we present PyTrack, an end-to-end open-source solution for the analysis and visualization of eye-tracking data. It can be used to extract parameters of interest, generate and visualize a variety ...



Light enters the eye through the cornea, the clear, curved layer in front of the iris and pupil. The cornea serves as a protective covering for the front of the eye and also helps focus light on the retina at the ...



Most people are born with two eyes. Working together, they give you a field of view about 200 degrees wide and 135 degrees tall. When your eyes work together correctly, they give you depth ...



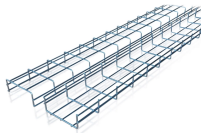
Click on various parts of our human eye illustration for descriptions of the eye anatomy; read an article about how vision works.



The Eye Tracking - VR module enables users to connect, record, and live visualize eye tracking data in VR simulations. Researchers can explore attentional processes in any virtual environment, opening ...



The structures of the eye include the cornea, iris, pupil, macula, retina, and the optic nerve.



All the different parts of your eyes work together to help you see. First, light passes through the cornea (the clear front layer of the eye). The cornea is shaped like a dome and bends ...



Unlock the secrets of the human eye in our ultimate guide! Explore eye anatomy, parts, structure, functions & diagram for a deep understanding



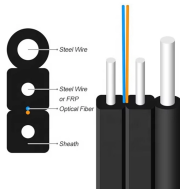
This module takes eye\_tracking pupil and corneal reflection (CR) ellipse fits and uses information about the eye tracking rig geometry (subject position, monitor position, camera position, LED position) in ...



Eye mapping covers several different techniques, from corneal scans for contact lenses to retinal imaging for disease detection. Here's what each one involves.



Feature-based methodologies in eye tracking use distinct eye attributes and calibration to map and predict an individual's gaze direction. Some features include the pupil center, iris, eye ...



Most of the eye is filled with a clear gel called the vitreous. Light projects through your pupil and lens to the back of the eye. The inside lining of the eye is covered by special...



Add eye tracking super powers to your XR systems. Use the XR headsets you already own, and augment it with our drop-in eye tracking add-ons. Get direct access to all raw data with open data ...



Hence, in the following, we introduce eye-tracking technology by focusing first on the anatomy and physiology of the eye, and provide then an overview of basic eye-tracking techniques and current ...



To understand the diseases and conditions that can affect the eye, it helps to understand basic eye anatomy. Here is a tour of the eye starting from the outside, going in through the front and ...



BIOPAC offers a plug and play integration of physiological signals and eye tracking data captured in the laboratory and during interactive real-world tasks. Integrated data acquisition is made simple.

## Contact Us

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