

A new dimension in the understanding of human perceptions using View Point System and Captiv L7000 Premier technology

PhD thesis

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The heart of View point system is the VPS 16 glasses. These Eye Hyper-Tracking glasses with stereoscopic cameras in the nose bridge enable for the first time like spatial plane in which the user is looking to be precisely determined.



Added to this is the outstanding light immunity, which allows for reliable results even outdoors and under suddenly changing lighting conditions. The corrective power of the glasses can also be adapted to the wearer, and the eye tracking glasses can be comfortably worn with contact lenses. With the very short calibration time compared with other options, the glasses can be quickly adapted to the wearer and made ready for use. Once calibrated, the Eye Hyper-Tracking glasses can be used again and again for hours at a time – comfortably and unobtrusively.



CAPTIV-L7000 Premier is a flexible research software for the synchronization of video and measurements from sensors and interfaced third-party hardware and measurement devices, including advanced analysis and processing features.

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