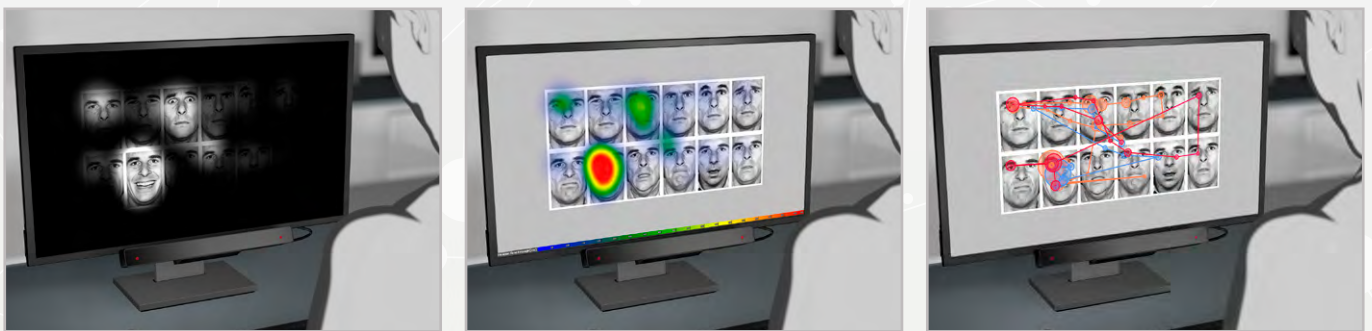


EyeLogic is home to a young and dynamic team of international professionals who enjoy developing cutting-edge technology. As a manufacturer, we are dedicated to developing high-performance eye tracking hardware and software solutions for academic and applied application areas of behavioral research, including, but not limited to, psychology, linguistics, neuro and cognitive sciences, and market research.



Due to high accuracy across available frame rates, our products can precisely and with minimal latencies measure eye movements and analyze responses to visual information and external stimuli to understand better human perception, attention, and cognitive processes.

An integral part of our company's DNA is to strive for innovation and always look for ways to make our products even better. We aim to become part of the life-changing scientific research results by enabling researcher and companies to get insights into human behavior using our non-invasive and powerful method to explain the attentional focus and cognitive strategies of perception.



Get in touch with us!

EyeLogic GmbH
Schlesische Str. 28
10997 Berlin | Germany
+49 (30) 9841 9241
info@eyelogicsolutions.com

Get started with the screen-based eye tracking device that elevates the standards of accuracy and precision required for scientific usage. Low and consistent latency, strong robustness, and high tolerance of head motion make the LogicOne a reliable research companion across different experimental setups.



SAMPLING RATE

The LogicOne has a reliable temporal resolution of 60, 120, or 250 samples per second. Due to its sampling rate and processing speed, the system has low latency and a fast pickup and recovery time.



SUPPORT

We aim to provide the best experiences to our customers and users. For us, individual and long-term customer support is as important as technical specifications.



SDK

The free-of-charge EyeLogic SDK can be integrated into external apps and provides all eye tracking data in real-time using easy-to-integrate programming/scripting languages C/C++/C#/Python/Matlab as well as network transfer protocols, like lab streaming layer (LSL).



SETUP

The LogicOne is powered by USB 3 only, can be used with monitors up to 25 inches, and supports custom-sized projectors. Both one and two PC setups are possible.





Technical Specification

Sampling Rate	60 Hz / 120 Hz / 250 Hz
Gaze Accuracy	< 0.5°
Gaze Spatial Resolution	< 0.1°
Operational Distance	50 – 85 cm
PC Interface	USB 3
Blink Recovery Time	4 ms (@250 Hz)
System Latency	8 ms (@250 Hz)
Technology	Dark pupil, non-invasive video based
Operation System	Windows 10

Get in touch with us!

EyeLogic GmbH
Schlesische Str. 28 | 10997 Berlin | Germany
+49 (30) 9841 9241
info@eyelogicsolutions.com