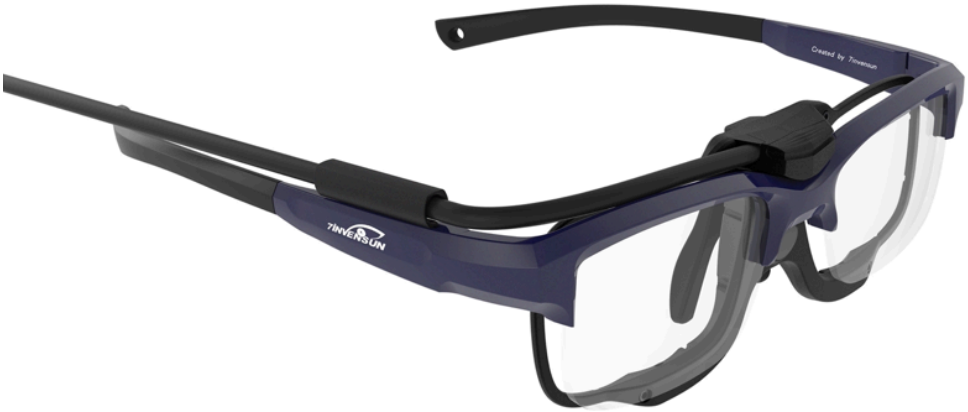
aSee Glasses series

北京七鑫易维科技有限公司



Excellent productivity tool that allows users to freely observe in the real world through aSee Glasses, documenting consumers and scientific research. Glasses collects, records wearing angle details, allowing users to observe and collect quality data for analysis in real-time on the screen.

User Experience Research

Driving Behavior Research

Professional Skills

Market research and analysis

Customer research

Mobile phone usage data analysis

Technical Specifications

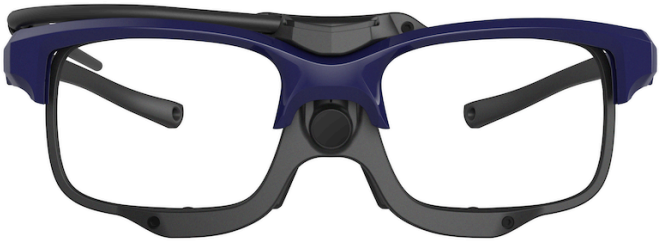
Eye tracking technique	Corneal reflection, dark pupil, stereo geometry
Binocular eye tracking	YES
Sampling rate	**120Hz, less than 5ms latency (Optional 230HZ)**
Calibration procedure	One point, three points real time calibration
Parallax compensation tool	Automatic
Slippage compensation	Yes, 3D eye tracking mode
Pupil measurement	Yes, absolute measure
Accuracy	**0.5°**
Field of view/tracking range	Horizontal 81 ° Vertical+15 ° (upward)- 45 ° (downward)
The range of monocular vision in binocular vision	Typ. 60 °

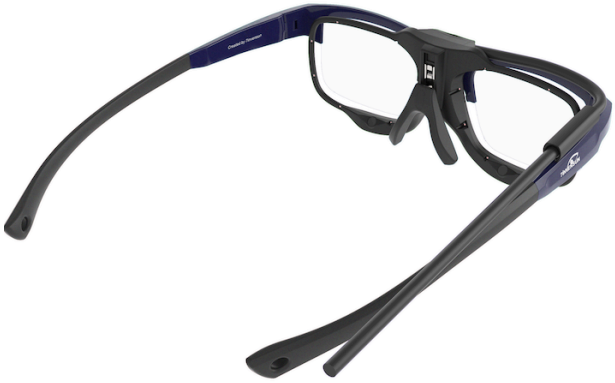
Head Unit

Scene camera	**1280 * 720 (720pHD) @ 30Hz 800 * 600 (600pHD) @ 30Hz 1280 * 960 (960pHD) @ 15Hz HDR (high dynamic range), supporting modes with sufficient sensitivity to weak light**
Headwear unit size	**Weight: 46g ± 3g Size: 152 * 28 * 175mm**

Interface and Analysis

Remoting	**Remote Control&Remote Data Recording Remote Observation Local Control/Local Data Storage**
interface	**Implement online interface (W-Lan, Ethernet) EEG (electroencephalogram) data interface through SDK Obtain eye images**
Software function	**Mapping point Optional (Automatic mapping of tracing points)**





System & Accessories & Others

Operation Sytem support	Windows 10&11/ Android OS version 11 or 12	Package	A high-end aluminum alloy portable case, adapter charger. Detachable glasses/ nose support
Customized Paired Smartphone	Samsung S22 / Huawei Mate 20 Pro	Corrective Lenses	-4 to+4 diopters, 20 pairs of eye lenses, from 50 to 500 degrees, increasing every 50 degrees (both for Myopia and hyperopia)
Operation Software	aSee Studio USB 3.0	Storage& Charge	Local storage to smartphone / PC. 120 min maximam

Any Question?

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