

**Neon Module**

7 g  
 W: 40mm  
 H: 35mm  
 D: 10mm



**Neon Module with Just Act Natural Frame**

53 g  
 W: 143mm  
 H: 52mm  
 D: 164mm



<b>Performance Evaluation</b>	Accuracy expected to be better than Pupil Invisible. Full performance evaluation is estimated to be published Q2 2023.
<b>Eye Tracking Technology</b>	Real time neural network
<b>Binocular Eye tracking</b>	Yes
<b>Slippage Compensation</b>	Slippage invariant. Deep learning powered.
<b>Scene Camera FOV</b>	1600 x 1200 @30Hz H: 132°, V: 81°
<b>Eye Camera</b>	2 IR Eye Cameras 192 x 192 @200 Hz
<b>Sampling Frequency</b>	120Hz in real-time on Companion Device; 200Hz post-hoc after data uploaded to Pupil Cloud
<b>IMU</b>	Accelerometer, Magnetometer, Gyroscope.
<b>Microphone</b>	Stereo Microphones
<b>Calibration</b>	Calibration-free
<b>Battery Recording Time</b>	Over 3.5 hours
<b>Cable</b>	USB-C
<b>Computing Device</b>	OnePlus 8/8T
<b>Real-time Data</b>	Gaze data: x, y coordinates in scene camera space at 120 Hz.
<b>Post-hoc Data</b>	Gaze data at 200 Hz, Blink & fixation detection, Pupillometry and eye state (Q2/Q3 2023).
<b>Frame Material</b>	PA12 Nylon
<b>Lens Material</b>	Plano CR-39 Anti-Scratch UV filter, Anti-Reflective, Dust and water repelling coating.

