

# myGaze<sup>®</sup> Eye Tracking Device

fully portable, ultralight myGaze Eye Tracker



## Technical Specification

Sampling rate	30Hz
Interface setup	Use with Monitor/Tablet (10" to 22"), Use with laptop
PC interface	Power 1x USB 2.0 / power over USB (2.6W)
Gaze position accuracy	0.5°*
Spatial resolution (RMS)	0.1°*
Eye tracking mode	binocular
Operating distance	50cm - 75cm
Tracking range (head box)	32cm x 21cm @ 60cm distance
Calibration mode	0/1/5 points
Head movement velocity	15cm/s
System latency (end to end)	< 50ms**
Tracking recovery time	250ms*
Dimensions (W x H x D)	24cm x 3cm x 3.5cm
Weight	130 g (incl. USB cable)
Eyewear compatibility	Works with most glasses and lenses
Data	Timestamp, gaze data (x/y screen coordinate), 3D eye position
Operating system	Microsoft Windows XP, Microsoft Windows 7 (32/64 Bit), Microsoft Windows 8 (32/64 Bit)
Technology	Non-invasive, video-based eye tracking
Operating conditions	Temperature 15° - 40° Celsius, 59° - 104° Fahrenheit, max humidity 80%
CPU requirements	Intel CPU required, recommended: ≥ 2.8GHz Intel i3/i5/i7 series
Norm compliance	CE / FCC
	Eye safety EN60601-1-2 + EN55011, class B

\* Standardized VI test conditions \*\* Time between eye event and API output

**Visual Interaction** - Visual Interaction ([www.mygaze.com](http://www.mygaze.com)) (VI) has taken on the mission to provide easy to use and affordable gaze tracking and gaze based interaction solutions for a broad professional, educational and consumer audience and for developers. VI partners and collaborates with leaders around the world to create best in class solutions. VI myGaze<sup>®</sup> eye trackers rely on tracking technology by SensoMotoric Instruments (SMI) from Germany, for more than 20 years a leader in eye tracking solutions.

[www.mygaze.com](http://www.mygaze.com)