

myGaze Assistive 2

easy to use and ultra light eye gaze system



Technical Specification

Sampling rate	30Hz
Interface setup	Use with Monitor/Tablet/Laptop (10" to 24")
PC interface / Power	1x USB 2.0 / Power over USB (2.6W) (USB 3.0 supported in Windows 8 and newer)
Gaze position accuracy	0.4°
Spatial resolution (RMS)	0.05°
Eye tracking mode	Binocular/Monocular
Operating distance	50cm - 80cm
Tracking range (head box)	32cm x 21 cm @ 60cm distance
Calibration mode	Calibrationless + 1/2/5/9 points
Head movement velocity (max)	15cm/s@30Hz
System latency (end to end)	<40ms@30Hz
Blink recovery time (max)	33ms@30Hz
Tracking recovery time (max)	250ms
Dimensions (W x H x D)	24cm x 2.5cm x 3.3cm
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
API/SDK	C function call based DLL
Operating system	Microsoft Windows 7 (32/64 Bit), Microsoft Windows 8/8.1 (32/64 Bit)
Technology	Non-invasive, video-based eye tracking
Norm compliance	CE / FCC Eye safety EN62471:2008
PC requirements	Recommended: Intel i3 / AMD A10 Minimum: Intel Atom Baytrail (Z3775 or similar)

Visual Interaction - Visual Interaction (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® eye trackers rely on tracking technology by SensoMotoric Instruments (SMI) from Germany, for more than 20 years a leader in eye tracking solutions.