

## myGaze Assistive

### 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	19.7"– 31.5" (50cm – 80cm)
Tracking range (head box)	12.6" × 8.3" (32cm × 21cm) @ 23.6" (60cm) distance
Calibration mode	Calibrationless and 1/2/5/9 points
Head movement velocity (max)	5.9" (15cm)/s
System latency (end to end)	<40ms
Blink recovery time (max)	33ms
Tracking recovery time (max)	250ms
Dimensions (Width x Height x Depth)	9.4" × 0.98" × 1.3" (24cm × 2.5cm × 3.3cm)
Weight	0.29 pounds (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 / 8 / 8.1 / 10 (32/64 Bit)
Software compatibility	<i>myGaze EyeMouse 1.4 and 1.5</i>
Technology	Non-invasive, video-based eye tracking
Norm compliance	CE / FCC Eye Safety EN62471:2008
PC Requirements	Intel CPUs starting from Core 2 Duo (2006) AMD CPUs of the Bulldozer family (2011) or newer <u>Recommended</u> : Intel i3 or newer (i5/i7) Go to <a href="http://www.mygaze.com/support/fq/system-requirements/">http://www.mygaze.com/support/fq/system-requirements/</a> for more details

All parameters are validated on complete VI system, incl. myGaze Assistive 2 and compatible VI Laptop.