EyeLink® 1000 Plus Technical Specifications

EyeLink 1000 Plus Core System EyeLink 1000 Plus Camera and Workstation or Laptop Host PC	Key Specifications	Head Supported	Remote (Head Free-to-Move)
	Sampling Rate	2000 Hz Monocular 2000 Hz Binocular	1000 Hz Monocular 1000 Hz Binocular
	Accuracy	Down to 0.15º (0.25º - 0.50º typical)	0.25-0.50º typical
	Resolution	0.01º RMS 0.05º Microsaccade resolution	0.05º RMS 0.25º saccade resolution
	Real-time Data Access	M = 1.4 msec (SD < 0.2 msec) @ 2000 Hz	M = 2.2 msec (SD < 0.3 msec) @ 1000 Hz
	Data Output	X, Y, and Pupil Size	
	Host PC	Workstation or Laptop Host PC	
	Participant Setup	Very simple and easy. Typically less than 2-5 minutes.	
Choose from five different mounts for your eye tracking tasks. Different infrared wavelengths available to minimize visibility or track in the dark.	Mounting Options		
	Desktop Mount	• Easy to transport • Track with the head free-to-move or with head supported • No electronics near the participant's head • Binocular or monocular eye tracking supported • Configurable 32º x 25º trackable range	
	Binocular Tower Mount	• Fast and easy setup • Ideal for close-up stimuli, touchscreens and reaching • 60º x 40º trackable range	
	LCD Arm Mount	• Bring the stimulus to the subject • Ideal for infant tracking or patients in a hospital bed • Configurable 32º x 25º trackable range	
	Long Range Mount	• Ideal for MRI or MEG • 60 - 150 cm eye-to-camera distances	
	Primate Mount	• Ideal for non-human primate tracking • 60º x 40º trackable range	
The EyeLink 1000 Plus camera can be upgraded to allow extra functionality.	Camera Upgrades		
	Remote (Head Free-to-Move)	A default Desktop or LCD Arm mount system can be transformed into a Binocular 1000 Hz Remote Head Free-to-Move eye tracker that does not require head stabilization.	
	2000Hz	Beginning in the Spring of 2017, every new EyeLink 1000 Plus samples binocularly at up to 2000 Hz with the head stabilized, and 1000 Hz with the head free-to-move when the Remote Camera Upgrade is present. Existing owners can upgrade for a nominal fee. Please write info@sr-research.com for more information.	