

## Mobile Eye



The Mobile Eye is designed for indoor or outdoor use. It is compact and rugged enough to be used in real world applications. The participant -worn eye tracking optics are extremely lightweight and unobtrusive. Calibration can be done anywhere eliminating the need for pre-mapping calibration grids. The system provides immediate feedback throughout calibration and the recording device is small enough to be worn in supplied lumbar waist bag.



Sampling and output rates:	30Hz
Measurement principle:	pupil-corneal reflection w/custom outdoor enhancements
System accuracy:	0.5 degrees visual angle
Resolution:	.10 degree visual angle
Head movement:	unlimited
Visual range:	50 degrees horizontal, 40 degrees vertical



Data Output: Recordable video with adjustable point of gaze indicators, data log file (ASCII data file), x and y coordinates, pupil radius in eye image pixels, eye direction with respect to the scene image, and mouse cursor position with respect to the scene image.

Data Analysis Tools:  
Gazetracker  
Mangold Interact ASL edition



Compact System – all contained in one canvas bag 16 “ by 13” by 6”  
System includes: laptop computer, spectacles with mounted optics and head mounted scene camera (color), modified portable DVCR and EyeVision Software.

Frames for over glasses available.

Total weight of system in case 18lbs

Unlimited tech support, on site as well as internet training available.

Manufactured in Bedford, Massachusetts.