



Eyetracking Expertise
EYE-TRAC® 6000

Model H-MIN6

Miniature Optics Eye Tracking System

ASL's H-MIN6 includes a lightweight, miniature optics module in the Model 6000 eye tracking system. These optics provide the same performance as ASL's standard head mounted optics but at less than a quarter of the size.

The miniature optics module is ideal for applications requiring the use of virtual reality helmets, head mounted displays and wearable computers. The optics module can be easily modified to suit the particular device into which it will be mounted.



The Model H-MIN6 system with miniature optics includes the following components:

- 6000 CU eyetracking control unit
- Miniature eyetracking optics
- 9" b&w monitors
- Interface and analysis software
- Installation on customer supplied HMD



ASL has an in-house fabrication lab and over 30 years of experience in designing and installing eye tracking systems in unique and challenging applications.



Applied Science Laboratories

175 Middlesex Turnpike, Bedford, MA 01730 USA
Tel.: (781) 275-4000 ☉ Fax: (781) 275-3388 ☉ www.a-s-l.com ☉ Email: asl@a-s-l.com

SPECIFICATIONS

⊙ Optics: Dimensions (H/W/L): 0.45 in/1.15in/1.85 in
Weight: 1.25 oz (includes optics module, micro camera, LED illuminator, mounting hardware)
Sampling and output rates: 60 Hz

⊙ Control Unit: Dimensions (H/W/D): 3 in/9.75 in/10.25 in
Weight: 4.25 lbs
Power: 100-240 VAC 25 watts
Measurement principle: pupil-corneal reflection



⊙ Miniature optics: System accuracy: 0.5 degree visual angle
Resolution: 0.25 degree visual angle
Head movement: Unlimited
Visual range: 50 degrees horizontally, 40 degrees vertically

⊙ Included equipment: Series 6000 Control Unit
Miniature optics mounted in Customer supplied HMD
Display Monitor, black & white or internal frame grabber
EYEPOS operating software
EYENAL data analysis software

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