![BIOPAC Systems, Inc. logo]

PRODUCT SHEET

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EYE-TRACK-BAR   REMOTE SCREEN-BASED EYE TRACKING

Robust Eye Tracking in a Compact Module
Eye Tracking Fully Integrated with Acq*Knowledge*
Large head motion box & reliable fixed data rate
40 Hz • 60 Hz • 120 Hz • 200 Hz

This mini screen-based remote eye tracking bar provides gaze position, dwell time, blink rate, pupil size, and more. Use with an Acq*Knowledge* Eye Tracking Integration License (ACK100W-EYE) to access valuable eye tracking metrics: Gaze Path, Gaze Plot, Heat Map, and Attention Map. Create user-defined Areas of Interest (AOI) and select Scarf Plot, String Plot, Pie Chart, and Key Performance Indicator (KPI) metrics. For concurrent physiological data such as Heart Rate, EDA, SCR/SCL, etc., record biometrics from a Wireless Smart Center, MP160, or MP36R Research System.

- **Small and Rugged** The housing is an inch shorter than its predecessor and has the USB connection in the back where it is protected from bumps and knocks.
- **Increased Head Motion Tolerance** New 10 mm lens provides a 15% increase in head motion box.
- **Improved Accuracy Outdoors** Strobing IR lights enable robust tracking in all types of lighting. In addition, an optical filter integrated into the front cover improves tracking near windows and other tough lighting conditions.
- **Less Distraction** Smaller tracking indicator lights on the front reduce distraction.

AEye Technology Benefits

AEye technology consists of the latest generation of EyeTech Digital Systems' algorithms, software, and hardware, as well as offers a superior experience for users. This includes robust tracking performance, instant acquisition, and a greater tolerance for head motion.

- **Fast -** Faster acquisition and reacquisition of the eyes—ideal for those who have a lot of head motion.
- **Reliable -** Robust tracking over a range of users and environments.
- **Smart -** The AEye hardware comes in a compact, low-power design with all the processing being done on the camera board - relieving the host device of the processing burden.

Technical Specifications

- Method: Dark pupil, single or binocular tracking
- Speed FPS: select 40, 60, 120 or 200 Hz
- Operating distance: 50-70 cm
- Head motion box (WxHxD): 31.5 x 15 x 20 cm
- Accuracy: 0.5°
- Dimensions: 25.4 x 2.6 x 3.2 cm
- Connection type: USB
- Power supply: USB port
- Weight: 0.21 kg
- Certification: CE and FCC

System Requirements

- Microsoft Windows 8 or 10, 64-bit
- USB Port(s)
- Up to 22 inch monitors

Acq*Knowledge* Integration

- Add Eye Tracking License ACK100W-EYE
- Requires Acq*Knowledge* 5.0.5 or above