

Flexible Eye Trackers for studies of physical objects



Tobii X60 & X120 Eye Trackers



Get a visual advantage

With eye tracking solutions from Tobii you can measure unfiltered and spontaneous human reactions and responses. Obtain deep insights into behavior or how to optimize the impact of a design. Easily, accurately and without distraction from intrusive machinery.

Flexible setup options

The Tobii X60 and X120 Eye Trackers are stand-alone eye tracking units designed for eye tracking studies relative to any surface. They enable a variety of stimuli setups such as a TV or other displays, a projection screen or a physical object or scene. They are our most flexible eye trackers, recommended for studies that require particular setups.



Studies of real world objects

The Tobii X60 and X120 Eye Trackers are ideal for visual testing of physical brochures, magazines, products and shopping shelves. Or of similar scenes that are best presented on a projection screen or TV. They are used for studying user experiences of handheld devices. Scientific uses include psychological studies where stimuli need to be presented on a projection screen and infant studies that involve physical objects.

Experience how people look at physical objects or scenes. Achieve objective results time and cost efficiently, without need for expertise. Technology from Tobii makes eye tracking easy and fully automatic.

A technological leap

The Tobii X60 and X120 are taking eye tracking studies of real world objects and scenes to the next level. They allow for twice as much head movement and are twice as fast and accurate as their predecessor, the Tobii X50. They also allow for even more flexible setups such as non-centered and angled geometries. The Tobii X60 and X120 offer complete unobtrusiveness and is even easier to mount and use.

Easy to use

Hardware configuration is easy and tracking is fully automatic and started by issuing a simple command. Advanced technology and software saves you the need for expertise. Large studies can be conducted cost efficiently.

Unobtrusive

The Tobii X60 and X120 Eye Trackers are packaged into single units with no moving "tracking devices" that might impact the subject. Large freedom of head movement allows respondents to move and behave naturally. You can perform long and accurate studies without fatigue and collect gaze data simultaneously with complementary test procedures.

High tracking quality

High accuracy and excellent head movement compensation provides you with high quality data throughout your entire population. Tobii Eye Trackers track basically everyone, regardless of ethnic origin, age, glasses or contact lenses. Drift compensation guarantees high tolerance to varying light conditions.

Tobii Studio™ Analysis Software

Tobii Studio gathers eye gaze and other data in real time and provides comprehensive analysis tools. Alternatively you can use any other eye tracking enabled analysis application. Please see our separate product leaflet for more information on Tobii Studio.

Tobii Software Development Kit

Tobii SDK allows you to easily create your own applications. Please request our separate product description for more information on the Tobii SDK.

Hardware accessories

Different mounting solutions can be provided to facilitate specific setups:

- Mobile Device Stand and included scene camera with adjustable mounting arm, designed to test mobile devices
- X60/X120 Monitor Mount, for screen based research (allows you to easily adjust the setup for different test subjects)
- Floorstand (deskstand is included in the hardware package)

The Tobii X60 and X120 Eye Trackers are shipped with a sturdy case for transportation.

Technical specification

	Tobii X60	Tobii X120
Accuracy	0.5 degrees	
Drift	< 0.3 degrees	
Data rate	60 Hz	120 Hz*
Freedom of head movement	44x22x30 cm 17x9x12"	30x22x30 cm 12x9x12"
Binocular tracking	Yes	
T/X firmware	Embedded	
Weight	~3 kg (7 lbs)	

* The Tobii X120 can be run at either 60 or 120 Hz data rate.

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