Hiru | The first multi-platform eye tracker in the world

User Manual | Windows Eye Control: Microsoft HID Protocol

See it Possible

IRISBOND

User Manual IRISBOND Hiru Eye Tracking System

Contact Information

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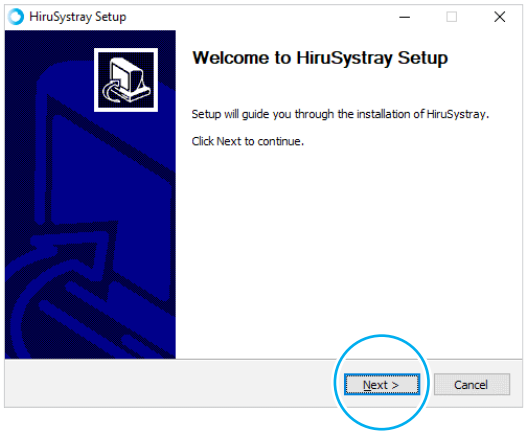
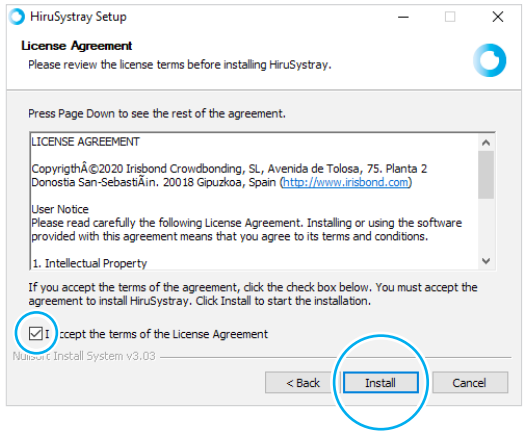
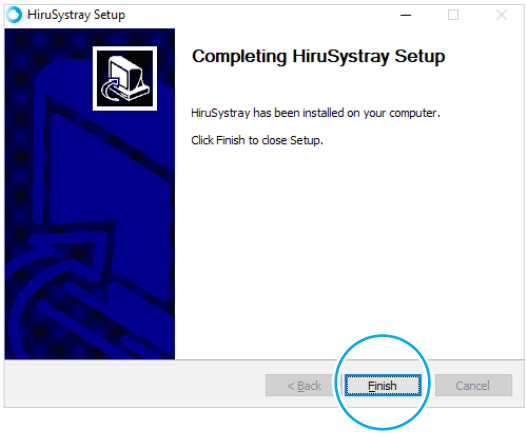
Windows Eye Control: Microsoft HID Protocol

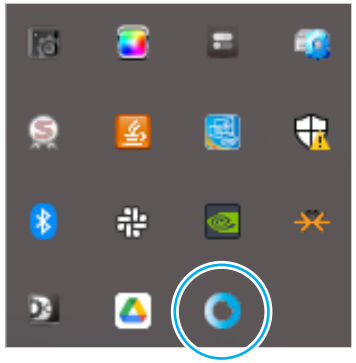
Install HiruSystray from this link: https://downloads.irisbond.com/systray





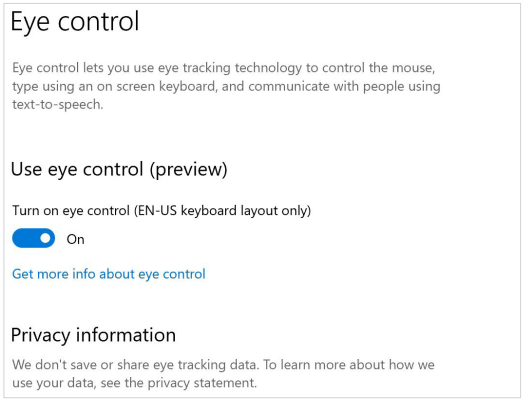


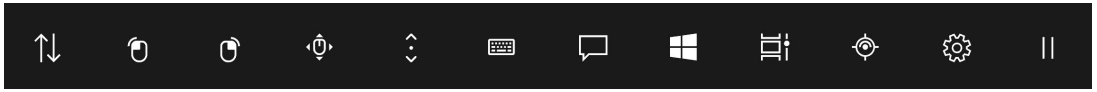
The Systray icon will open in the Windows Toolbar.



Open Windows Eye Control

Go to Settings > Ease of Access > Eye Control > Turn on the toggle

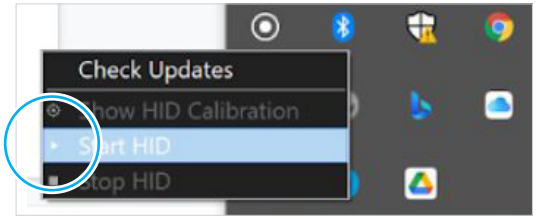




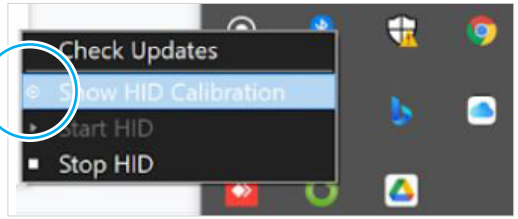
Windows Eye Control Bar will open

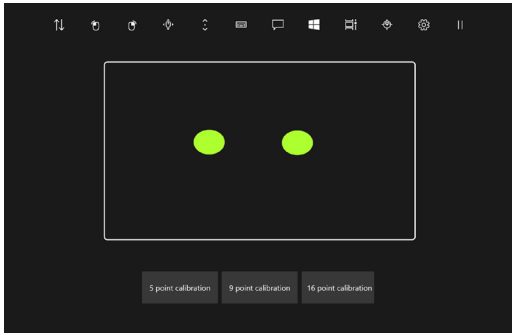
Activate HID integration for start using Hiru with Windows Eye Control

Go to Systray and click in Start HID.

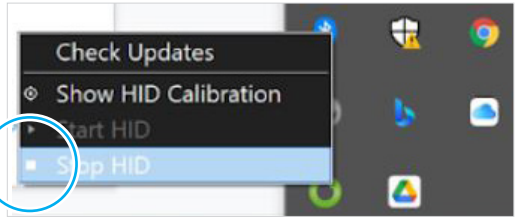


Calibrate Hiru by clicking in Show HID Calibration





After calibrating, star controlling the Windows Eye Control bar with Hiru. Stop HID connection if using other apps integrated.



CE & MDR | Technical Specifications

Compliance Information: CE and MDR

CE **DECLARATION OF CONFORMITY**

MANUFACTURER	IRISBOND CROWDBONDING, SL VAT: ES-B75091058 ADDRESS: AVENIDA DE TOLOSA, 75 - 2° San Sebastián CP: 20018 Guipúzcoa, País Vasco
APPLICABLE DIRECTIVE	COUNCIL DIRECTIVE 93/42/EEC of 14 June 1993 concerning medical devices
HARMONIZED STANDARDS	EN 55032 (2015) / AC (2016) / A11 (2020) EN 55035 (2017): UNE-EN 62471-1:2009 FCC CFR 47, Part 15, Subpart B (10-1-15 Edition) ICES-003 Issue 6 (2016)
PRODUCT	Sistema de control del ordenador con la mirada HIRU/ Eye tracking system HIRU
REFERENCE	IRISBOND HIRU
TEST CERTIFICATES	65321IEM.001 65321REM.001 65321REM.002 2251989-PHO-21-018A

The device model has been designed and manufactured in conformity with the Directive.

San Sebastián, a 30th of April 2021

Eduardo Jauregui / Technical Director

Declaration of conformity (MDR)

We, Irisbond Crowdbonding Ltd, declare that the product listed below has been designed and manufactured in conformity with the Directive (UE) 2017/745:

MANUFACTURER	IRISBOND CROWDBONDING, SL ES-B75091058 AVENIDA DE TOLOSA, 75 - 2° San Sebastián, 20018 Guipúzcoa, Spain +34 9434 96 622 http://www.irisbond.com
REFERENCE	IRISBOND HIRU
PRODUCT	Eye tracking system HIRU

The aim of this declaration is a Class I Medical Device and is in conformity with the following harmonised legislation:

APPLICABLE DIRECTIVE	• Directive (UE) 2017/745 concerning medical devices, MDR. • EMC Directive, 2004/108/EC. • RoHS Directive, 2011/65/EU. • FCC Rules and Regulations.

The following harmonized standards and technical specifications have been applied:

HARMONIZED LEGISLATION	EN 55032 (2015) / AC (2016) / A11 (2020) EN 55035 (2017) UNE-EN 62471-1:2009 FCC CFR 47, Part 15, Subpart B (10-1-15 Edition) ICES-003 Issue 6 (2016)
TEST CERTIFICATES	65321IEM.001 65321REM.001 65321REM.002 2251989-PHO-21-018A

This declaration is signed on behalf of Irisbond Crowdbonding, Ltd in San Sebastián, on the 30th of April, 2021, by Eduardo Jauregui, CEO.

Declaration of conformity (MDR)

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REFERENCE	OSKOL WINDOWS
PRODUCT	This product is composed by the following elements: • Medical device; Eye tracking system HIRU. • Case to bundle the Irisbond HIRU eye tracker and the Surface Pro tablet (TPU material has PASSED skin sensitization and cytotoxicity tests in accordance with ISO 10993-5 and 10993-10).

The aim of this declaration is a Class I Medical Device and is in conformity with the following directives:

APPLICABLE DIRECTIVE	**REGULATION (EU) 2017/745 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 April 2017 on medical devices, MRD**, amending Directive 2001/83/EC, Regulation (EC) No 178/2002 and Regulation (EC) No 1223/2009 and repealing Council Directive 90/385/EEC.

The following harmonized standards and technical specifications have been applied:

HARMONIZED LEGISLATION	**HIRU:** EN 55032: 2015 / AC: 2016 / A11: 2020 EN 55035: 2017 UNE-EN 62471-1:2009 FCC CFR 47, Part 15, Subpart B (10-1-15 Edition) ICES-003 Issue 6: 2016 **OSKOL Windows:** ISO 10993-5 ISO 10993-10
TEST CERTIFICATES	65321IEM.001 65321REM.001 65321REM.002 2251989-PHO-21-018A

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REFERENCE	OSKOL iPad
PRODUCT	This product is composed by the following elements: • Eye tracking system HIRU, medical device class I. • Case to bundle the Irisbond HIRU eye tracker and the iPad Pro tablet (TPU material has PASSED skin sensitization and cytotoxicity tests in accordance with ISO 10993-5 and 10993-10)

The aim of this declaration is a Class I Medical Device and is in conformity with the following harmonised legislation:

APPLICABLE DIRECTIVE	**REGULATION (EU) 2017/745 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 April 2017 concerning medical devices, MDR**, amending Directive 2001/83/EC, Regulation (EC) No 178/2002 and Regulation (EC) No 1223/2009 and repealing Council Directive 90/385/EEC.

The following harmonized and/or unharmonized standards and technical specifications have been applied:

HARMONIZED LEGISLATION	**HIRU:** EN 55032: 2015 / AC: 2016 / A11: 2020 EN 55035: 2017 UNE-EN 62471-1:2009 FCC CFR 47, Part 15, Subpart B (10-1-15 Edition) ICES-003 Issue 6: 2016 **OSKOL iPad:** ISO 10993-5 ISO 10993-10
TEST CERTIFICATES	65321IEM.001 65321REM.001 65321REM.002 2251989-PHO-21-018A

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Technical Specifications

Optimum screen size	10-20”
Recommended working distance	35-80 cm.
Calibration	0, 1, 5, 9, 16 points
Selection mode	Dwell, Blink, Switch
Head box	20 x 18 cm. at 50 cm.
Eye tracking	Monocular and binocular
Accuracy	0.4°
Sampling rate (Frequency)	60 Hz.
Mounting	Holder, magnets, or specific adaptor for consumer device
Operating system	Windows: 7-10 iPadOS: 13 or above Others: Please get in touch with us
Eye Tracking processing	Hiru on-chip eye tracking technology
Minimum system requirements (laptop, PC, tablet)	Eye-tracking processing done at HIRU itself. System requirements related to the applications used with HIRU. Typically: • USB 3.0 -C • 1,33 GHz CPU • 2 GB RAM • 3GB + HDD Hard Disk • Intel Graphics, Nvidia and others with OpenGL 2.0 • iOS: iPad Pro
Weight	115 g.
Dimensions	259 x 25 x 28 mm.
Eye tracking technology	Dark pupil
USB connector	USB-C

See it Possible

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