

# Gyroscope Sensor

Non-Visible component

Category	Requires	Version
Sensors	API 19, Android 4.4 - 4.4.4 KitKat	1

## Overview

Non-visible component that can measure angular velocity in three dimensions in units of degrees per second.

In order to function, the component must have its `Enabled` property set to True, and the device must have a gyroscope sensor.

## Events

### Gyroscope Changed

Indicates that the gyroscope sensor data has changed. The timestamp parameter is the time in nanoseconds at which the event occurred.

Params	
x Angular Velocity	Number
y Angular Velocity	Number
z Angular Velocity	Number
timestamp	Number

## Properties

---

### Available

Boolean — Read - Blocks

Indicates whether a gyroscope sensor is available.

### Enabled

Boolean Default: *True* — Read Write - Designer Blocks

Enabled property getter method.

### X Angular Velocity

Number — Read - Blocks

The angular velocity around the X axis, in degrees per second.

### Y Angular Velocity

Number — Read - Blocks

The angular velocity around the Y axis, in degrees per second.

### Z Angular Velocity

Number — Read - Blocks

The angular velocity around the Z axis, in degrees per second.

---

Last update: January 26, 2020