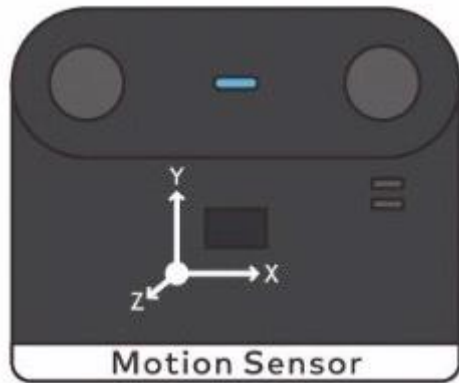


Motion Sensor

The motion sensor consists of a 3-axis gyroscope, and a 3-axis accelerometer, to detects the motion, acceleration, and vibration of the object.



The Axes and Angles

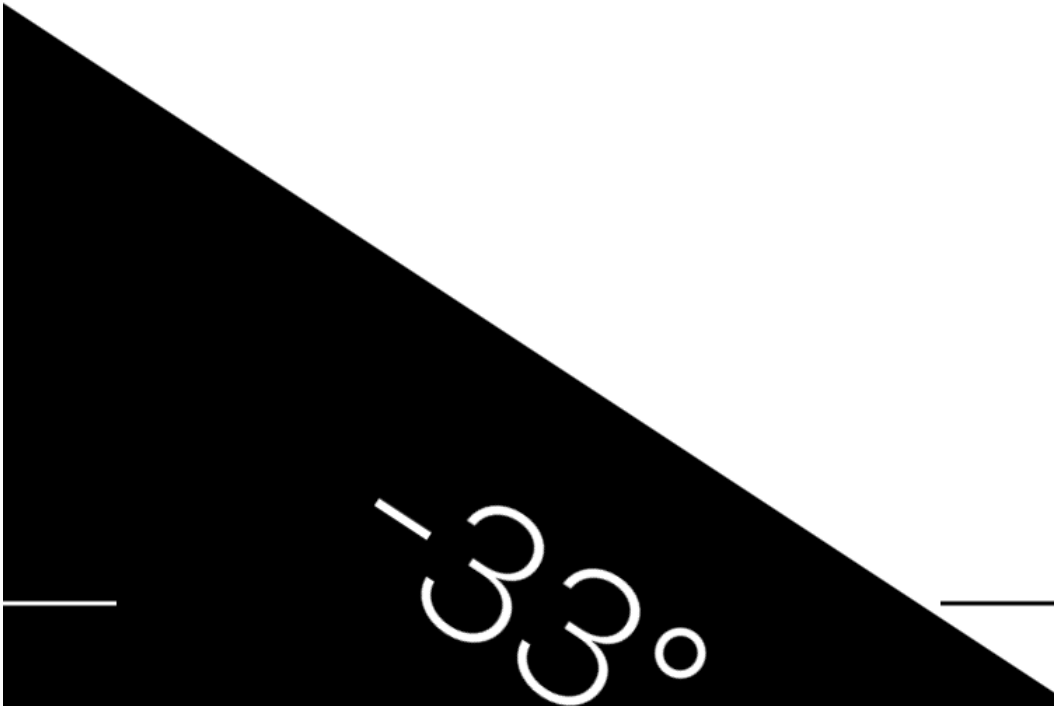
Axis	Angle	Range
X	Pitch	-180~180°
Y	Roll	-90~90°
Z	Yaw	-180~180°

Real-Life Examples

- Nintendo Switch has embedded gyro that enables to play somatosensory games.



- The level feature of iPhone also uses gyro



Measure



Level

Parameters

- Size: 24x20mm
- Precision: $\pm 1^\circ$
- Acceleration range: $\pm 8g$
- Operating current: 18mA