

Basic  
Sensors In  
ios  
Programming  
The Acceler  
ometer  
Gyroscope  
And More  
Alasdair

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# Allan

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[PDF] Basic Sensors in iOS: Programming

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the Accelerometer ...  
Basics of  
Accelerometer,  
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Magnetometer  
Sensors for iOS Apps.  
By Rajiv Ramnath.  
An iOS device has  
three with well-  
documented  
interfaces for sensors  
— the accelerometer,

*Page 4/108*

the gyroscope, and the magnetometer. As with the orientation sensor, the process for these sensors begins by starting and initializing a listener that listens for sensor events.

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Programming the  
Accelerometer ...  
Accelerometer: write  
an application that  
uses this sensor to  
determine device  
orientation;

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Magnetometer: learn how this sensor verifies compass headings; Core Motion: use this framework to receive motion data from both the accelerometer and the vibrational gyroscope



Basic Sensors in iOS:  
Programming the  
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Magnetometer: learn  
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Motion: use this  
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accelerometer and

*Page 17/108*

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use of onboard

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sensors, including those that are location-enabled. This concise book takes experienced iPhone and Mac developers on a detailed tour of iPhone and iPad hardware by explaining how these sensors work, and

*Page 22/108*

what they're capable of doing. With this book, you'll build sample applications for each sensor, and learn hands-on ...

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item 4 Basic Sensors  
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Accelerometer ...  
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that can interact with the video, audio, accelerometer, magnetometer, and gyroscope.

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Basics of  
Accelerometer,  
Gyroscope, and  
Magnetometer ...

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**Start Developing iOS**

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Apps (Swift): Jump  
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**Basic Sensors in  
iOS: Programming  
the Accelerometer**

...

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Accelerometer: write an application that uses this sensor to determine device orientation;

Magnetometer: learn how this sensor verifies compass headings;

Core Motion: use this framework to receive motion data from both the

accelerometer and  
the vibrational  
gyroscope

## **Basic Sensors in iOS: Programming the Accelerometer**

...

Magnetometer:  
learn how this  
sensor verifies  
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Core Motion: use

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laptops and PCs is its use of onboard sensors, including those that are location-enabled. This concise book takes experienced iPhone and Mac developers on a detailed tour of iPhone and iPad hardware by explaining how



these sensors work,  
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With this book, you'll  
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each sensor, and  
learn hands-on ...

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## Basic Sensors in iOS

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Alasdair covers how to develop

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tour of iPhone  
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hardware by  
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these sensors  
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to determine  
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