**Activity Monitor**

**ActiGraph GT9X Link**

U.S. federal law restricts this device to sale by or on the order of a physician.

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The new ActiGraph GT9X Link is the most sophisticated activity monitor available from the global leader in actigraphy measurement. The redesigned ActiGraph GT9X Link combines our validated 3-axis accelerometer and data filtering technology with a sleek, low profile case, and a variety of advanced new features, including:

### Programmable display

The ActiGraph Link features a programmable LCD window that can be configured to display date and time, provide optional real-time feedback, or can be completely disabled.

### Inertial Measurement Unit (IMU)

An integrated IMU contains a secondary accelerometer, gyroscope, and magnetometer sensors, providing raw position and rotational data for a variety of advanced applications, including inclination, gait analysis, and fall detection.*

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#### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>3.5 x 3.5 x 1 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>14 grams</td>
</tr>
<tr>
<td>Sample rate</td>
<td>30-100 Hertz</td>
</tr>
<tr>
<td>Battery life</td>
<td>14 days*</td>
</tr>
<tr>
<td>Data storage</td>
<td>180 days/4 GB</td>
</tr>
<tr>
<td>Dynamic range (primary)</td>
<td>+/- 8G</td>
</tr>
<tr>
<td>Dynamic range (secondary)</td>
<td>+/- 16G</td>
</tr>
<tr>
<td>Gyroscope dynamic range</td>
<td>+/- 2000 deg/sec</td>
</tr>
<tr>
<td>Magnetometer dynamic range</td>
<td>+/- 4800 micro-Tesla</td>
</tr>
<tr>
<td>Communication</td>
<td>USB, Bluetooth® LE</td>
</tr>
</tbody>
</table>

* Rechargeable Lithium Ion, wireless and gyro disabled, 30 Hz sample rate

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* ActiGraph products are not intended to diagnose, treat, cure, or prevent any disease.

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Bluetooth® LE

The Bluetooth® Smart enabled ActiGraph Link supports a variety of wireless features, including heart rate monitoring, proximity detection, and communication with ActiGraph’s suite of mobile applications for iOS and Android devices.

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Wear time sensor

A wear time sensor uses capacitive touch technology to automatically detect when a wrist worn device has been removed for simplified compliance monitoring and data cleaning.

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**Objective Measures**

The ActiGraph Link, in conjunction with our innovative software platform delivers a variety of physical activity and sleep/wake measures including:

- Raw acceleration
- Energy expenditure
- MET rates
- Steps taken
- Physical activity intensity
- Activity Bouts
- Sedentary Bouts
- Heart rate R-R intervals*
- Body position
- Sleep latency
- Total sleep time
- Sleep efficiency

* Requires compatible Bluetooth® heart rate monitor

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