

Activity Monitor

ActiGraph GT9X Link



Revision: A | Released: 12/12/2014



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The ActiGraph GT9X Link is the most sophisticated activity monitor available from the global leader in actigraphy measurement. The ActiGraph Link combines our extensively validated accelerometry measurement technology with 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.

Setting the standard for 24 Hour Monitoring

ActiGraph monitors, in conjunction with our innovative software platform, deliver objective 24 hour physical activity and sleep/wake measurements 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



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.



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.

Specifications

Dimensions	3.5 x 3.5 x 1 cm	Dynamic range (primary accelerometer)	+/- 8G	Water resistance	1 meter, 30 min.
Weight	14 grams	Dynamic range (secondary accelerometer)	+/- 16G	Wear location	Wrist, waist
Sample rate	30-100 Hertz	Gyroscope dynamic range	+/- 2000 deg/sec	Warranty	1 year
Battery life	14 days*	Magnetometer dynamic range	+/- 4800 micro-Tesla		
Data storage	240 days/4 GB	Communication	USB, Bluetooth® LE		

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