LightMove 4

Ambient Light and Physical Activity Sensor

Quick Start Guide

Welcome

Thank you for choosing the Physical Activity Sensor **LightMove 4** from movisens. This sensor represents the latest technology for the mobile monitoring of ambient light and physical activity in everyday life.

Scope of Application

The **LightMove 4** captures ambient light and physical activity (i.e. 5 Channels of Light, 3D Acceleration, Angular Rate, Barometric Air Pressure…) and other secondary parameters of a test subject.
It's been designed and tailored for research and scientific applications with a 4 week recording capacity.

Description of the Sensor

Featuring an integrated Bluetooth Smart Interface, the **LightMove 4** expands researchers' options by allowing integration with the experience sampling platform **movisensXS**.

The **LightMove 4** sensor is comfortably worn on the wrist with our highly durable textile wristband. A multi-colored LED provides visual feedback on the sensors operation.

Software Installation

Before starting a measurement, you have to install the programs on the USB stick.

- **SensorManager:** Configures the sensor, starts a measurement and downloads the data from the sensor
- **UnisensViewer:** Views and preprocesses the stored data
- **DataAnalyzer:** Analyzes the stored sensor data (30 days free trial version)

LightMove 4 Quick Start Guide, Version 04.09.2018

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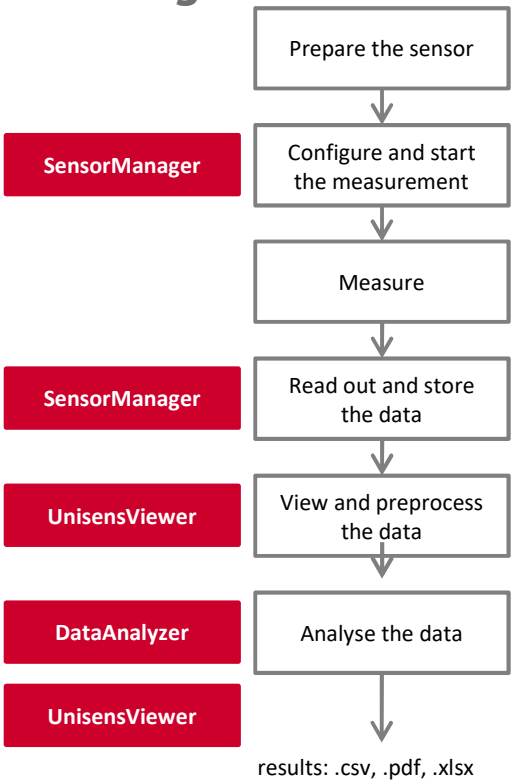
Handling



- **Charge the Sensor**
  Connect the sensor to a USB port until the LED is blinking green. During charging, the status LED is blinking blue.
- **Start** SensorManager
  Connect **LightMove 4** to the PC, click on “Start Recording” and configure the measurement parameters.
- **Attach the Sensor**
  Attach the sensor to the wrist of the test subject’s nondominant hand.Don’t connect the sensor to a PC during measurement, this will stop it!

- **Start** SensorManager
  After the measurement, connect the **LightMove 4** to the PC, click on “Save Data” and enter the required information.
- **Start** UnisensViewer
  Click on “Show data” directly after storing the data.
- **Start** DataAnalyzer
  Select the desired analysis output to calculate secondary parameters or to generate reports.

Please read the User Manual for further details !

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