

# EcgMove 4

## ECG and Physical Activity Sensor

## Quick Start Guide

### Welcome

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

### Scope of Application

The **EcgMove 4** captures a single channel ECG signal in addition to physical activity (i.e. 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 2 week recording capacity.

### 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)

### Description of the Sensor

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

A dry electrode chest belt provides greater comfort for long term measurements or alternatively disposable electrodes can also be used for shorter periods. A multi-colored LED provides visual feedback on the sensors operation.

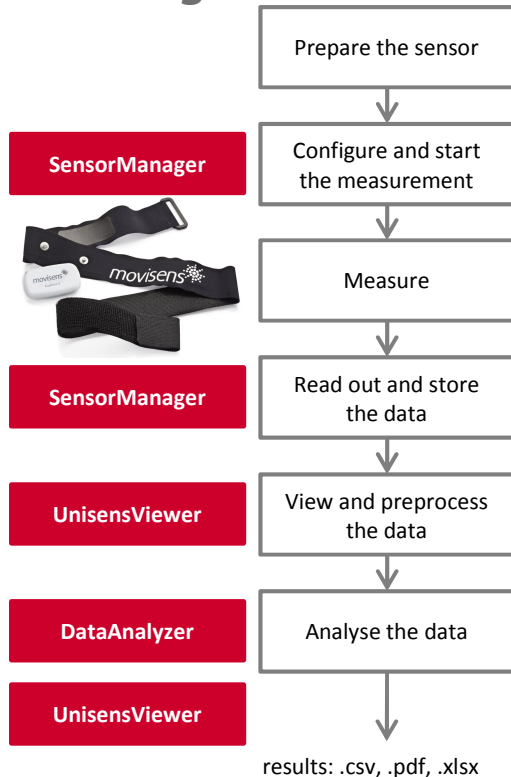


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### Handling



- **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 **EcgMove 4** to the PC, click on "Start Recording" and configure the measurement parameters.
- **Attach the Sensor**  
Prepare the skin of the test person. Position the dry electrode chest belt under the sternum or attach the disposable electrodes to the test person with the sensor logo upright.
- **Start SensorManager**  
After the measurement, connect the **EcgMove 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 !**

