



Physilog® is a compact and versatile wearable device for sensing movement of any kind. Benefit from 18 years of R&D, collaboration and trust with top clinics, researchers and industrial partners, for applications in health, sports, entertainment and more.

## Unique features

**10D sensor**  
3D accelerometer + 3D gyroscope  
3D magnetometer  
Barometric pressure sensor

**Ergonomic design**  
Powerful multicolor LED  
Sound indicator  
Large single button

**High-end connectivity**  
Wireless connection  
USB-C for storage & charging

## Software

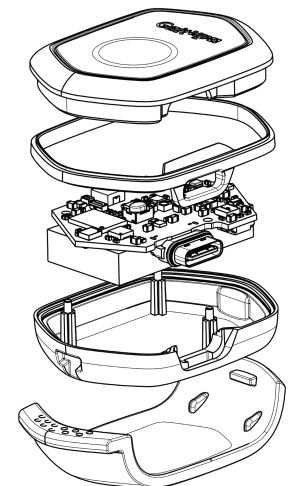
- Free SDKs for accessing raw data and 3D angles
- Free companion App to sync, check battery and program sensors
- Free MATLAB/Python/C/C++ routines to sync, stream, read, plot
- On-demand custom algorithm libraries and OEM / licensing
- Professional applications for Gait and Running

## Accessories

- 2 types of fixation clips
- USB-C <=> USB-A cable
- Transport case

## Specifications

Dimensions	42,2 x 31,6 x 15 mm
Weight	15 gr
Sensors	3D Accelerometer up to 16g, 512 Hz 3D Gyroscope up to 2000/s 512 Hz 3D Magnetometer, up to 50mT, 256 Hz Barometric altitude from 260 to 1260 hPa Temperature sensor accuracy of +/-1.5° C
Microcontroller	ARM® Cortex® M4 with floating-point for on-board processing
Wireless communication	Bluetooth Low Energy (BLE) Operating frequency range: 2.402-2.480 GHz (TX & RX) Effective radiated power (max): 11.11 dBm
Internal memory	Flash memory 4Gb
USB-C interface	Splashproof IP64, Reversible connector. High-speed USB 2.0



Battery	Lithium Ion Polymer Accumulators 3.7V, 240mAh
Plastic Enclosure	Multicolor LED and 8mm button
Operating Temperature	From -0°C to 35°C



Complies with  
IMDA technical  
standards

