



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  
5 color ring differentiators  
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/licencing
- ✓ Professional applications for Gait and Running

## Accessories

- ✓ 2 types of fixation clips
- ✓ USB-C <-> USB cables
- ✓ 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
Internal memory	Flash memory 4Gb
USB-C interface	Splashproof IP64 , Reversible connector. High-speed USB 2.0
Battery	Lithium Ion Polymer Accumulators 3.7 V 240 mAh
Plastic Enclosure	Bi-color LED and 8mm button
Operating Temperature	From -0° to 35° C



## Certifications

Medical grade pending  
(ISO 13485 certified, IEC 60601, IP64, RED,FCC, IC)

