

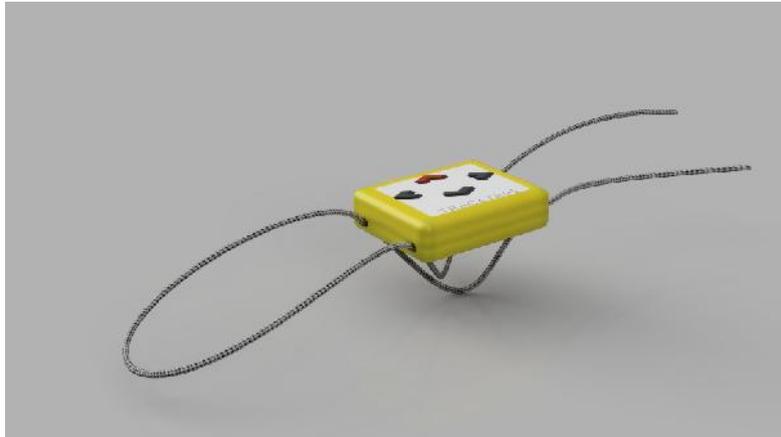


## TRACKTAPE PRODUCT BRIEF

Version 2.8, 20-March-2021

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# Break Free from Interaction and be Present!



TrackTape is a new autonomous device for sports tracking - collecting and visualizing athlete performance during training and competition - without interaction from the user. TrackTape can stay resident in your training clothes for long periods and discretely collect and upload your training data to your desired Internet location when you get moving.

Configuration and activation of existing training devices eat time and distract users. TrackTape lets you break free from those issues so you can be more present and focus on your performance. For sport applications where larger equipment is involved (*e.g.* watersports), the autonomy and ruggedness of TrackTape enables it to be attached conveniently and located for optimal performance.

TrackTape uses proven GPS, 2G and sensor technology, sealed in a waterproof package. Thanks to its small size and weight, TrackTape is easily strapped onto the hand or integrated into any kind of sportswear without disturbing the user.

The main benefits of TrackTape are:

- autonomy - you are always ready to go training and you never miss a training record,
- seriously waterproof, generally rugged and easy to clean and disinfect,
- easy mass configuration and maintenance for race organizers and schools.

Technical Specifications:

Size: 39x52x15mm<sup>3</sup> | Weight: 30 g | Radio Interfaces: 2G, BLE 5 and GPS | Charging: Wireless (Qi)

Sensors: always-on motion sensing and barometer.

TrackTape is designed and manufactured in Sweden. Please contact us for further information.

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## **TRACKTAPE G - DETAILED TECHNICAL SPECIFICATIONS**

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Primary radio interface: Quad-band GSM/GPRS modem (850/900/1800/1900MHz, 3GPP rel. 4) with output power class 4 (2W) @ 850/900MHz and class 2 (1W) @ 1800/1900MHz, respectively

Secondary radio interface: Bluetooth Low Energy, V5

Location technique: GPS/Glonass/QZSS multi-constellation receiver

Sensors: always-on motion sensing by accelerometer and gyro, barometer

Position sampling and upload: down to 1s sampling interval and 5s upload interval. On-the-fly configurable.

Memory: 8Mbit NOR FLASH, able to record storage of up to 200h of tracking (5s sampling interval)

User interface: buzzer

Battery: Lithium polymer.

Estimated battery lifetime: 400h in standby and 8h continuous operation (5s sampling interval and 25s upload interval), depending on application integration and radio network conditions.

Charging: Qi standard (WPC V1.2)

Dimensions: 52mm x 39mm x 15mm

Weight: 30g

Enclosure material: ABS

Operating temperature range: min: -10°C, nom: 20°C, max: 60°C.

Charging temperature range: min: 0°C, nom: 20°C, max: 30°C.

### **LEGAL INFORMATION**

The official TrackTape user manual is published by TrackTape AB and maintained at [www.tracktape.org](http://www.tracktape.org). Changes to this product brief and the user manual may be made by TrackTape AB at any time and without notice.

We, TrackTape AB, declare under our sole responsibility that our product, TrackTape G, is conformant to the following standards: IEC 62133, Draft EN 301 489-1 V2.2.0 + Draft EN 301 489-17 V3.2.0 + EN 301 489-19 V2.1.1 + Draft EN 301 489-52 V1.1.0, EN 301 511 V12.5.1, EN 303 413 V1.1.1, EN 300 328 V2.1.1 (1Mbps), EN 62368-1:2014 + AC:2015 as well as RoHS Directives 2011/65/UE, 2014/1/UE to 2014/6/UE and 2014/8/UE to 2014/16/UE.

As regards the following regulations related to specific absorption rate (SAR): EN 50566 (2017), IEC62209-2 (2010) and EN 62209-2 (2010), TrackTape G has been tested and found to comply with the requirements in respect of all parameters subject to the test.

TrackTape is a registered trademark. Immaterial rights of the design and technology are legally protected.

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